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North Clackamas School District Population and Enrollment Forecasts 2016-17 to 2025-26

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**NORTH CLACKAMAS SCHOOL DISTRICT
POPULATION AND ENROLLMENT FORECASTS
2016-17 TO 2025-26**



Portland State
UNIVERSITY
Population Research
Center



MARCH, 2016

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March, 2016

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EXECUTIVE SUMMARY

This report presents the results of a demographic study conducted by the Portland State University Population Research Center (PRC). The study includes analysis of population, housing and enrollment trends affecting the North Clackamas School District (NCSD) in recent years and forecasts of district-wide and individual school enrollments for the 2016-17 to 2025-26 school years.

Population, Housing, and Employment Trends

- The NCSD added about 15,000 residents between 2000 and 2010 and approximately another 7,000 between 2010 and 2015, reaching a total population of about 120,000.
- In both the U.S. and in Oregon, annual births fell more than eight percent between 2007 and 2011. NCSD's peak occurred later, in 2008 and 2009, and the decline was not as steep.
- More NCSD residents work in Multnomah County than in Clackamas County. Household growth in the NCSD is influenced by economic growth throughout the region, and the recent demand for new homes in the NCSD has been propelled by job growth in the overall Portland metro area and by the lowest unemployment rate since May 2007. The City of Happy Valley issued permits for more than 300 single family homes in 2013, 2014 and 2015, and several new subdivisions are in the planning stages in the city.

Enrollment Trends

- Fall 2015 K-12 enrollment of 17,250 was 478 students (2.7 percent) below the peak enrollment in the 2008-09 school year. However, there are 206 more K-12 students enrolled in 2015-16 than in 2012-13. During these three years elementary (K-5th) grades had a net gain of 215 students, middle (6th-8th) grades had a net loss of 112 students, and high school (9th-12th) grades had a net gain of 13 students.
- Grades K-2 added 221 students since 2012-13, and enrolled 36 more students than in 2008-09.

- Grade 6-8 enrollment has fallen for four consecutive years, and 2015-16 enrollment of 3,847 is 218 students below its 2011-12 peak.
- After increasing for four consecutive years, Grade 9-12 enrollment declined slightly to 5,677 in 2015-16. It now stands at 182 students below its 2006-07 peak.

District-wide Enrollment Forecast: Middle Series

- Overall NCSD K-12 enrollment is expected to increase by 1,553 students (nine percent) in the next 10 years. Increases in K-12 enrollment for the first three years of the forecast are modest, followed by larger growth beginning in 2019-20.
- K-5 enrollments grow more slowly initially, adding 262 students in the first five years. Their growth accelerates in the second five years, for a total growth of 883 (12 percent).
- Grade 6-8 enrollments increase by 287 (seven percent) in the first five years and slow down to an increase of only 38 students in the second five years of the forecast, for an overall ten year increase of 325 (eight percent).
- After declining for the first three years of the forecast, high school enrollment begins to grow in 2019-20. Its loss of 86 students in the first half of the forecast is offset by an increase of 431 students in the second half, producing a net ten year enrollment gain of 345 (six percent).

District-wide Enrollment Forecast: Low Series

- The *low series* forecast depicts a scenario under which net migration remains near its recent low levels.
- Overall K-12 enrollment declines by 125 students (0.7 percent) during the first three years of the forecast and then begins increasing in 2019-20.
- Over the entire 10 year period, K-12 enrollment is expected to increase by 939 students (5.4 percent).

District-wide Enrollment Forecast: High Series

- The *high series* forecast includes net migration consistently near the higher levels observed in the mid-2000s.

- Over the entire 10 year period, K-12 enrollment is expected to increase by 2,163 students (12.5 percent).
- Most of the enrollment increase occurs in grades K-5, which add 1,151 students (15.6 percent).

Individual School Forecasts

- Among the District’s elementary schools, the greatest growth is forecast at Scouters Mountain, which adds 201 students (40 percent).
- Other CHS area elementary schools (Duncan, Oregon Trail, and Mount Scott) also add more than 100 students each.
- MHS feeder schools are limited to small gains or losses over the ten year forecast period.
- Elementary schools in the RPHS feeder system had new boundaries beginning in the 2014-15 school year. See page 39 for forecasting details.

Table 1 summarizes historic and forecast K-12 enrollments by five year intervals under the three scenarios. Chart 1 depicts the District’s 10 year K-12 enrollment history and the 10 year K-12 forecasts. Table 2 details the *Middle Series* forecast by grade level groups. More details of the forecasts are presented in the “Enrollment Forecasts” section and in Appendix A. Forecasts for individual schools are presented in Table 18 on Page 40, and in Appendix B.

Table 1
Historic and Forecast K-12 Enrollment
Low, Middle, and High Series
North Clackamas School District¹

School Year	LOW		MIDDLE		HIGH	
	Enroll-ment ¹	5 year growth	Enroll-ment ¹	5 year growth	Enroll-ment ¹	5 year growth
2005-06	17,039		17,039		17,039	
2010-11	17,348	309	17,348	309	17,348	309
2015-16	17,250	-98	17,250	-98	17,250	-98
2020-21 (fcst.)	17,330	80	17,713	463	18,020	770
2025-26 (fcst.)	18,189	859	18,803	1,090	19,413	1,393
AAEG ² , 2015-16 to 2025-26	0.5%		0.9%		1.2%	

1. Includes Charter Schools.

2. Average Annual Enrollment Growth.

Source: Historic enrollment, North Clackamas School District; Enrollment forecasts, Population Research Center, PSU. December 2015.

Chart 1
NCSD K-12 Enrollment History and Forecasts
2005-06 to 2025-26

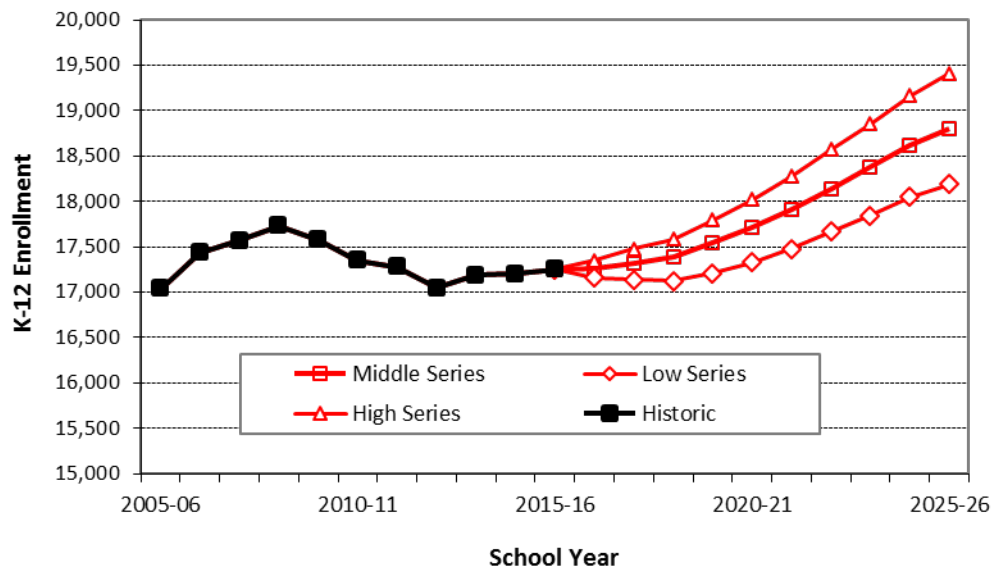


Table 2
Historic and Middle Series Forecast Enrollment
North Clackamas School District

	Actual			Forecast	
	2005-06	2010-11	2015-16	2020-21	2025-26
District Total	17,039	17,348	17,250	17,713	18,803
5 year change		309	-98	463	1,090
		2%	-1%	3%	6%
K-5	7,406	7,378	7,383	7,645	8,266
5 year change		-28	5	262	621
		0%	0%	4%	8%
6-8	3,939	4,046	3,847	4,134	4,172
5 year change		107	-199	287	38
		3%	-5%	7%	1%
9-12	5,470	5,581	5,677	5,591	6,022
5 year change		111	96	-86	431
		2%	2%	-2%	8%

Source: Historic enrollment, North Clackamas School District; Enrollment forecasts, Population Research Center, PSU. December 2015. District totals include ungraded special education not included in grade level totals.

INTRODUCTION

The North Clackamas School District (NCSD) requested that the Portland State University Population Research Center (PRC) prepare enrollment forecasts for the District and its schools. This study integrates information about NCSD enrollment trends with local area population, housing, and economic trends, and includes forecasts of district-wide enrollment by grade level and total enrollment for individual schools. Information sources include the NCSD, U.S. Census Bureau decennial censuses and 2010-2014 American Community Survey (ACS), birth data from the Oregon Health Authority, housing development data from the cities and county, and residential capacity data from Metro.

The District serves the cities of Milwaukie and Johnson City, nearly all of the City of Happy Valley, the western edge of the City of Damascus, a few blocks in the Cities of Gladstone and Portland, and large portions of unincorporated Clackamas County, such as Oak Grove and Sunnyside. Among NCSD students residing within the District's boundaries in fall 2015, nearly 61 percent lived in unincorporated areas, outside of any cities. Just over 20 percent of NCSD resident students lived in the City of Happy Valley, 13 percent lived in the City of Milwaukie, nearly five percent lived in the City of Damascus, and about one percent lived in the cities of Gladstone, Johnson City, and Portland combined. With the exception of the southern portion of the Duncan Elementary attendance area across the river from the community of Carver, the entire district is within the Urban Growth Boundary.

Following this introduction are sections presenting recent population, housing, and enrollment trends within the District. Next are the results of the district-wide enrollment forecasts and individual school forecasts, and a description of the methodology used to produce them. The final section contains a brief discussion of the nature and accuracy of forecasts. Appendix A contains detailed annual enrollment forecasts by grade level under the low, middle, and high growth scenarios, and Appendix B contains a one page profile for each of the District's schools showing enrollment history, forecasts, and student capacity.

POPULATION, HOUSING, AND EMPLOYMENT TRENDS

Between 2000 and 2010, the NCSD added 14,922 residents. Its 15 percent growth rate was higher than Clackamas County's 11 percent and matched the Portland metropolitan area's growth rate. Between the April 2010 census and the July 2015 estimates shown in Table 3, the District added 7,312 more residents, reaching a total population of 120,383. The District's average annual growth rate of 1.2 percent since 2010 is lower than the 2000 to 2010 growth rate of 1.4 percent, which is similar to the metro area trend.

Table 3
City and Region Population, 2000, 2010, and 2015

	2000	2010	2015	Avg. Annl. Growth Rate	
				2000-2010	2010-2015
NCSD Total ¹	98,149	113,071	120,383	1.4%	1.2%
City of Milwaukie ²	20,490	20,291	20,505	-0.1%	0.2%
City of Johnson City ³	634	566	565	-1.1%	0.0%
City of Happy Valley ⁴	4,519	13,903	17,510	11.9%	4.5%
NCSD Portion	4,519	13,672	N/A	11.7%	
City of Portland	529,121	583,776	613,355	1.0%	0.9%
NCSD Portion	445	546	N/A	2.1%	
City of Damascus	N/A	10,539	10,625	N/A	0.2%
NCSD Portion	N/A	3,643	N/A	N/A	
City of Gladstone	11,438	11,497	11,505	0.1%	0.0%
NCSD Portion	353	278	N/A	-2.4%	
NCSD Unincorporated	71,708	77,718	N/A	0.8%	
Clackamas County	338,391	375,992	397,385	1.0%	1.1%
Portland-Vancouver-Hillsboro MSA ⁵	1,927,881	2,226,009	2,362,655	1.4%	1.1%

1. School District population determined by PSU-PRC based on aggregation of census blocks within the NCSD boundary shapefiles. The 2010 NCSD population published by the Census Bureau is 113,237. The 2015 District population estimate is derived from an extrapolation of the estimate from the Census Bureau's 2014 Small Area Income and Poverty Estimates (SAIPE) population estimate.

2. The city of Milwaukie is entirely within NCSD. The city of Milwaukie gained 6 persons between 2000 and 2010, and 194 persons since 2010 due to annexation.

3. The city of Johnson City is entirely within NCSD.

4. The City of Happy Valley was entirely within NCSD in 2000 but subsequently annexed areas outside of NCSD. The city of Happy Valley gained 335 persons between 2000 and 2010, and 38 persons since 2010 due to annexation.

5. Portland-Vancouver-Hillsboro MSA consists of Clackamas, Columbia, Multnomah, Washington, Yamhill (OR) and Clark and Skamania (WA) Counties.

Sources: U.S. Census Bureau 2000 and 2010 censuses; Portland State University Population Research Center, July 1, 2015 estimates; State of Washington Office of Financial Management, April 1, 2015 estimates.

Employment

Most residents commute beyond the District to work, so population growth in the area depends to a great extent on the strength of the metro area's economy. Recent data show that among workers residing in the NCSD, 46 percent worked in Multnomah County, including 41 percent within the City of Portland. Another 30 percent worked in Clackamas County, primarily within the District itself (20 percent worked within the District), and 14 percent worked in Washington County. About 92 percent of NCSD residents' jobs were within the Portland-Vancouver-Hillsboro Metropolitan Statistical Area (MSA). Table 4 reports the number and share of all workers by place of employment.¹

Table 4
Where NCSD Residents Are Employed

Job Located Within*	Workers	Share
Clackamas County	15,809	30%
North Clackamas School District	10,449	20%
City of Milwaukie	2,570	5%
Multnomah County	23,647	46%
City of Portland	21,153	41%
Washington County	7,078	14%
Marion County	1,233	2%
All other locations	4,069	8%
Total Primary Jobs	51,836	100%

**Note: Indentation indicates that the area is also included within the area above it. For example, workers in the City of Milwaukie are also counted in the North Clackamas School District. Portions of the City of Portland are outside of Multnomah County, but few jobs are located in those areas.*

Source: US Census Bureau, LED Origin-Destination Data Base (2014). Jobs covered by unemployment insurance, generally excluding federal government, agricultural, self-employed and domestic workers. Includes at most one (primary) job per resident.

The MSA lost 64,000 jobs between 2008 and 2010, causing in-migration to slow to a trickle, and the mortgage housing crisis slowed the demand for new single family homes that had fueled the NCSD's long streak of annual enrollment growth. By 2013 employment totals had slowly recovered to their pre-recession peak level, but unemployment rates in the MSA remained above

¹ U.S. Census Bureau, LED Origin-Destination Database (2014). Commute shed report for residents of NCSD. Includes workers at firms covered by unemployment insurance (excludes most agricultural jobs and self-employed). <http://lehdmap.did.census.gov/>.

U.S. rates and household formation lagged behind job growth.² By 2015, job growth rivaled the pre-recession levels of the mid-2000s, as the MSA added about 35,000 jobs between 2014 and 2015.³ In January 2016 the MSA's seasonally adjusted unemployment rate of 4.4 percent was lower than the U.S. (4.9), and the lowest rate locally since May 2007.

In February 2016 the Oregon Office of Economic Analysis released its quarterly economic and revenue forecast. This is an excerpt from its executive summary:

Oregon continues to see full-throttle rates of growth. Job gains are outpacing the typical state, as are wages for Oregon workers. The state's average wage today, while still lower than the nation's, is at its highest relative point since the mills closed in the early 1980s. Furthermore, these wage increases are not confined to certain industries or regions of the state. Rather, wage gains are seen statewide and across all major industries. Encouragingly, Oregon's improving economy is pulling workers into the labor market, as the participation rate is increasing off its recessionary lows. While much of the decline in labor force participation is demographic, some is certainly attributable to the business cycle and job opportunities. Overall, much of Oregon's advantage in expansion, vis-à-vis the nation, is attributable to the state's industrial structure and net migration flows. Heading into the peak season for income tax collections, Oregon's General Fund revenues are posting healthy growth. In keeping with a strong labor market, personal income tax collections are expanding at nearly a double digit annual rate. While revenue growth has been strong thus far in the biennium, these gains have not come as a surprise. Expectations for growth in Oregon's General Fund revenues have remained virtually unchanged since the 2015-17 budget was drafted.⁴

Births

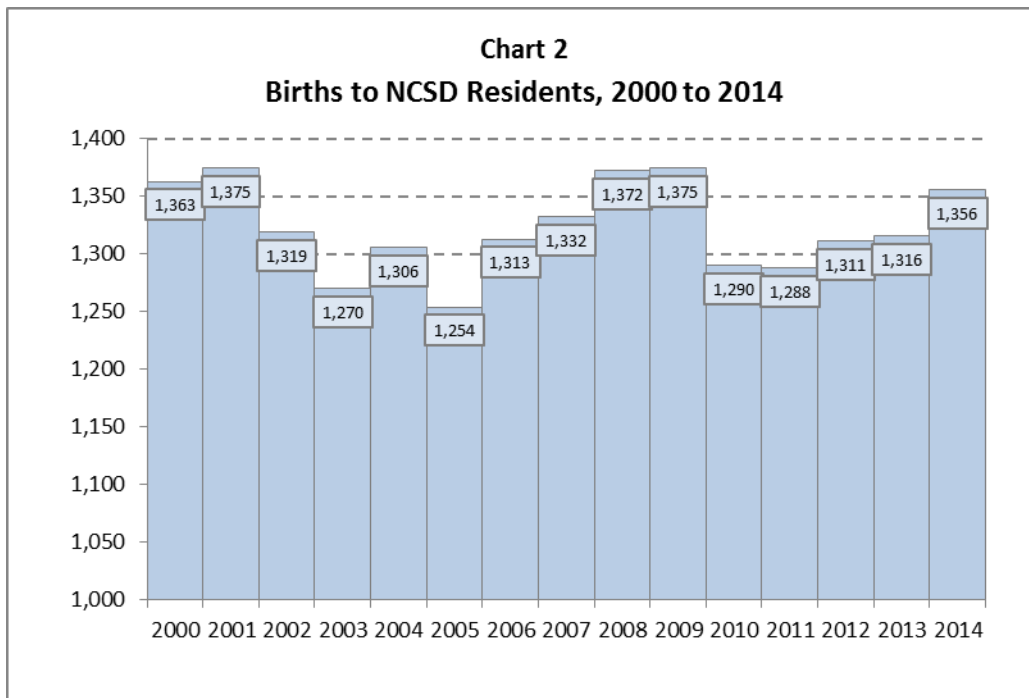
The number of births to NCSd residents has been relatively stable since the turn of the century; the total for each year depicted in Chart 2 has remained within five percent of the 15 year annual average of 1,323 for the 2000 to 2014 period. In both the U.S. and in Oregon, annual births fell

² "What's the Story behind Household Formations?" Federal Reserve Bank of Atlanta. June 24, 2013. At <https://www.frbatlanta.org/news/conferences/2013/130624-speaker-series-household-formations.aspx>.

³ "Current Employment Estimates," Oregon Employment Department. <https://www.qualityinfo.org/ed-ceest>. Average annual non-farm employment in the Portland-Vancouver-Hillsboro MSA was 1,043,400 in 2008, 979,200 in 2010, 1,043,700 in 2013, 1,076,000 in 2014 and 1,111,400 in 2015.

⁴Excerpt from "Oregon Economic and Revenue Forecast, March 2016" (released February 10, 2016), Office of Economic Analysis.

more than eight percent between 2007 and 2011. Births began to rebound in Oregon in 2013 and in the U.S. in 2014.⁵ NCSD's peak occurred later, in 2008 and 2009, and the decline was not as steep. Births in NCSD began to rebound in 2012. In the "Enrollment Forecasts" section of this report we will examine the relationship between births, migration, and subsequent school enrollments.



Housing Growth and Characteristics

Table 5 shows that during the 1990s, the number of housing units within the District's boundaries increased by about 8,500. Between 2000 and 2010, the District added about 6,100 homes, for a total of 47,246 housing units reported in the 2010 Census. In each decade, the number of households (occupied housing units) increased at a slower rate than the number of housing units. Therefore, the vacancy rate increased from 4.1 percent in 1990 to 5.2 percent in 2000 and 5.7 percent in 2010.

⁵ "Births: Final Data for 2014." National Vital Statistics Report, Volume 64, Number 12, National Center for Health Statistics; *Oregon Vital Statistics Annual Report 2014 Volume 1*, Oregon Health Authority, Center for Health Statistics.

Table 5 also shows a net increase of almost 4,100 households with children under 18 during the 20-year period from 1990 to 2010, representing approximately 31 percent of the overall gain of nearly 13,300 households during the period. However, between 2000 and 2010 the number of households with children grew at a slower rate than the number without children. As a result, the share of households with children decreased from 33.7 percent in 2000 to 32.2 percent in 2010. This share was slightly lower than the 33.1 percent share in the remainder of Clackamas County.

The average number of persons per household increased from 2.47 in 1990 to 2.50 in 2000 and 2.52 in 2010. The increase in average household size has been small, but it contrasts with the trend throughout most of Oregon, including the remainder of Clackamas County outside of the NCSD, where household size fell from 2.75 in 1990 to 2.67 in 2000 and 2.58 in 2010.

Table 5 North Clackamas School District Housing and Household Characteristics, 1990, 2000, and 2010					
	1990	2000	2010	Change	
				'90 to '00	'00 to '10
Housing Units	32,571	41,117	47,246	8,546	6,129
Vacant or Seasonal Units	1,350	2,121	2,700	771	579
<i>share of total</i>	4.1%	5.2%	5.7%		
Households	31,221	38,996	44,546	7,775	5,550
Households with children under 18	10,259	13,153	14,349	2,894	1,196
<i>share of total</i>	32.9%	33.7%	32.2%		
Households with no children under 18	20,962	25,843	30,197	4,881	4,354
<i>share of total</i>	67.1%	66.3%	67.8%		
Household Population	77,056	97,362	112,068	20,306	14,706
Persons per Household	2.47	2.50	2.52	0.03	0.02
<i>Source: U.S. Census Bureau, 1990, 2000, and 2010 Censuses; data aggregated to NCSD boundary by Portland State University Population Research Center.</i>					

Table 6 shows the large number of single family homes permitted in the early to mid-2000s in Happy Valley and Milwaukie and the sharp decline that began after 2005. The portion of the District within unincorporated Clackamas County is not included in Table 6, but the trend was similar there as well. Previous studies prepared by PRC confirmed that new single family homes contribute the greatest number of NCSD students per home, and that the average number of

students per home decreases as homes age.⁶ The dearth of new permits between 2008 and 2011 presaged four years of enrollment losses after 2008-09, and the recovery in homebuilding coincides with small increases in K-12 enrollment in the three most recent school years.

Table 6 Housing Units Authorized by Building Permits				
Year Permit Issued	City of Happy Valley		City of Milwaukie	
	Single Family	Multiple Family	Single Family	Multiple Family
1996	66	0	40	4
1997	153	0	38	24
1998	153	0	35	0
1999	141	0	18	0
2000	87	0	11	0
2001	159	0	11	0
2002	184	0	14	0
2003	224	0	17	0
2004	216	0	41	0
2005	566	0	45	97
2006	388	228	11	0
2007	256	0	18	0
2008	95	0	2	0
2009	70	0	3	0
2010	71	0	3	2
2011	151	0	0	0
2012	200	0	3	0
2013	309	0	6	0
2014	354	0	6	0
2015	317	39	11	0

Source: U.S. Census Bureau, Residential Construction Branch. Data available online at <http://censtats.census.gov/bldg/bldgprmt.shtml>. The multiple family figures have been edited to reflect the correct unit totals for North Main (Milwaukie) and Hawk's Ridge (Happy Valley).

Many of the homes built during the recent recovery have been in subdivisions platted several years earlier in which development had stalled. As one of many examples, plans for the 38 lot Southern Ridge II (Scouters Mountain Elementary) were submitted in 2005 and the subdivision

⁶ For example, see the “Enrollment and Housing” section in *North Clackamas School District, Population and Enrollment Forecasts, 2013-14 to 2022-23*, at <http://pdxscholar.library.pdx.edu/cgi/viewcontent.cgi?article=1068&context=enrollmentforecasts>.

was platted in 2007. By 2011, only 10 homes had been built. Beginning in 2012, the development began to fill in, and permits for the last remaining lots were issued in early 2015.

There was a lull in subdivision applications from 2008 to 2012 as the existing inventory of vacant lots remained sufficient to accommodate demand. However, as the platted subdivisions began to fill, plans for new developments began to emerge. Table 7 contains a list of subdivisions that have already been platted (identified by an asterisk) that contained 10 or more vacant lots as of late 2015, as well as those planned and proposed but not yet platted. The Scouters Mountain Elementary attendance area includes 942 lots platted, planned and proposed in developments included in the table. Scouters Mountain also includes the Happy Valley Crossroads, a mixed use development that will include a 168 unit apartment complex.

Table 7
Selected Residential Developments by NCSD Elementary Area¹

Elementary Area (2015-16)	Development Name and Type ²	Jurisdiction	Lots	
			Total ³	Vac. ⁴
Duncan	Crestview Townhomes	City of Happy V.	70	70
Duncan	Fox Glen	City of Happy V.	53	53
Duncan	Quail Hill	City of Happy V.	22	22
Duncan	Z0541-13	Clackamas Co.	13	13
Happy Valley	Fox Haven Estates	City of Happy V.	19	19
Happy Valley	Gateway to Happy Valley	City of Happy V.	20	20
Mount Scott	Altamont No. 8	Clackamas Co.	32	32
Mount Scott	Eagles Landing Loft- (Condominiums)*	City of Happy V.	128	75
Mount Scott	Eagles Loft Estates	City of Happy V.	31	31
Mount Scott	Stevens Creek Apartments	City of Happy V.	140	140
Mount Scott	The Hideaway- (Condominiums)*	City of Happy V.	85	71
Mount Scott	Volare Townhomes (SF attached)*	City of Happy V.	115	39
Mount Scott	ZPAC0038	Clackamas Co.	20	20
Mount Scott	Z0229-15	Clackamas Co.	23	23
Oregon Trail	Hidden Falls I*	Clackamas Co.	50	10
Oregon Trail	Hidden Falls II*	Clackamas Co.	41	41
Oregon Trail	Taralon Greens - Phase 1	City of Happy V.	78	78
Oregon Trail	Taralon Firs East - Phase 3	City of Happy V.	30	30
Oregon Trail	Taralon Trails - Phase 2	City of Happy V.	11	11
Oregon Trail	Wenzel Park I and II*	City of Happy V.	76	30
Oregon Trail	Z0434-14	Clackamas Co.	14	14
Riverside	Concord Vineyards II	Clackamas Co.	32	32
Scouters Mtn.	Christilla Valley	City of Happy V.	24	24
Scouters Mtn.	Happy Valley Morningside (SF attached)	City of Happy V.	156	156
Scouters Mtn.	Northern Heights I and II*	City of Happy V.	33	20
Scouters Mtn.	Rock Creek Meadows	City of Happy V.	127	127
Scouters Mtn.	Rock Creek Ridge Apartments	City of Happy V.	168	168
Scouters Mtn.	Scouters Meadow	City of Happy V.	39	39
Scouters Mtn.	Scouters Mountain Phase 1	City of Happy V.	213	213
Scouters Mtn.	Scouters Mountain Phase 2 (part)	City of Happy V.	36	36
Scouters Mtn.	Scouters Mountain Phase 3 (part)	City of Happy V.	4	4
Scouters Mtn.	Scouters Mountain Phase 4	City of Happy V.	96	96
Scouters Mtn.	Scouters Mountain Phase 5	City of Happy V.	28	28
Scouters Mtn.	Spencer View Estates	City of Happy V.	18	18
Spring Mountain	Blackhorse Estates	City of Happy V.	12	12
Spring Mountain	Mountain Gate 2	City of Happy V.	13	13
Spring Mountain	Sunshine Ridge*	City of Happy V.	73	34
Spring Mountain	The Reserve I and II*	City of Happy V.	82	31
Sunnyside	Z0538-13	Clackamas Co.	15	15
View Acres	Josephine Estates	Clackamas Co.	35	35
Whitcomb	Town Center Greens Apartments	Clackamas Co.	60	60
Whitcomb	Sequoia Village Apartments	Clackamas Co.	138	138

1. Subdivisions platted or being developed that could accommodate 10 or more new homes as of fall 2015.

2. Subdivisions that had been platted as of late 2015 are identified by an *asterisk.

3. Total of all lots in the subdivision.

4. Undeveloped lots as of Fall 2015 in platted subdivisions, determined by PSU-PRC from Metro RLIS taxlot attribute data, or future lots in subdivisions under development, information from City of Happy Valley and Clackamas County.

Sources: Compiled by Population Research Center, PSU; primary information from planning departments, Clackamas County tax assessor data, and Metro Regional Land Inventory System (RLIS).

Single family homes built through 2014 are compiled in Table 8, based on tax assessor data spatially aligned with the District's attendance area boundaries. The upswing in homebuilding is evident from the two year total in 2013 and 2014, which was 71 percent higher the number of homes built in 2011 and 2012. The Oregon Trail Elementary attendance area led the District in homes built in 2013 and 2014, with 291, followed by Duncan EAA with 152 and Spring Mountain EAA with 148.

Table 8
NCS D, Single Family Homes by Attendance Area

Elementary Area (2014-15)	Total	Year Built			
		Before 2000	2000 to 2010	2011 to 2012	2013 to 2014
Duncan	1,886	1,022	622	90	152
Happy Valley	1,874	1,043	734	41	56
Mount Scott	1,839	1,161	596	46	36
Oregon Trail	1,816	1,129	321	75	291
Scouters Mountain	1,403	385	832	98	88
Spring Mountain	2,015	1,463	331	73	148
Sunnyside	1,987	1,568	355	28	36
CHS Feeders Total	12,820	7,771	3,791	451	807
Ardenwald	3,133	3,058	67	1	7
Lewelling	1,886	1,823	44	8	11
Linwood	1,132	1,124	7	0	1
Milwaukie	1,378	1,310	66	0	2
Whitcomb	831	764	66	0	1
MHS Feeders Total	8,360	8,079	250	9	22
Bilquist	2,364	2,117	227	15	5
Oak Grove	2,628	2,444	156	15	13
Riverside	1,543	1,443	82	11	7
View Acres	3,113	2,827	255	10	21
RPHS Feeders Total	9,648	8,831	720	51	46
District Total	30,828	24,681	4,761	511	875

Source: Estimated by attendance area by PSU-PRC from tax assessor information provided by Metro Regional Land Inventory System (RLIS), February 2016. Includes manufactured homes on individual parcels, but not in manufactured home parks.

ENROLLMENT TRENDS

After 22 consecutive years of enrollment growth between 1986-87 and 2008-09, total K-12 enrollment in the North Clackamas School District fell for four consecutive years between 2008-09 and 2012-13. The fall 2015 K-12 enrollment of 17,250 was 478 students (2.7 percent) below the peak enrollment in the 2008-09 school year. However, a slight rebound has occurred in the most recent three years, with 206 more K-12 students enrolled in 2015-16 than in 2012-13. During these three years elementary (K-5th) grades had a net gain of 215 students, middle (6th-8th) grades had a net loss of 112 students, and high school (9th-12th) grades had a net gain of 13 students.

The District's K-5 enrollment of 7,383 in 2015-16 is 231 students below its 2008-09 peak. However, grades K-2 have added 221 students since 2012-13, and enrolled 36 more students than in 2008-09.

Grade 6-8 enrollment has fallen for the most recent four consecutive years, and 2015-16 enrollment of 3,847 is 218 students below its 2011-12 peak.

After increasing for four consecutive years, Grade 9-12 enrollment declined slightly to 5,677 in 2015-16. It now stands at 182 students below its 2006-07 peak.

Table 9 presents district-wide enrollment by grade level each year from 2005-06 to 2015-16.

Table 9

North Clackamas School District, Enrollment History, 2005-06 to 2015-16¹

Grade	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
K	1,132	1,090	1,112	1,180	1,144	1,097	1,097	1,100	1,159	1,127	1,175
1	1,240	1,263	1,220	1,214	1,246	1,243	1,204	1,178	1,231	1,264	1,221
2	1,272	1,234	1,303	1,255	1,238	1,252	1,244	1,186	1,206	1,236	1,289
3	1,260	1,267	1,255	1,317	1,242	1,227	1,236	1,229	1,206	1,197	1,259
4	1,201	1,285	1,297	1,325	1,303	1,273	1,229	1,228	1,233	1,202	1,209
5	1,301	1,237	1,329	1,323	1,309	1,286	1,296	1,247	1,240	1,237	1,230
6	1,321	1,359	1,277	1,327	1,345	1,315	1,316	1,303	1,285	1,275	1,254
7	1,259	1,348	1,391	1,302	1,351	1,377	1,348	1,305	1,311	1,309	1,283
8	1,359	1,292	1,337	1,420	1,319	1,354	1,401	1,351	1,327	1,311	1,310
9	1,383	1,529	1,399	1,414	1,434	1,338	1,361	1,448	1,441	1,376	1,339
10	1,431	1,442	1,485	1,418	1,424	1,421	1,335	1,393	1,453	1,396	1,407
11	1,362	1,445	1,477	1,521	1,455	1,433	1,443	1,332	1,401	1,445	1,404
12	1,294	1,443	1,476	1,491	1,488	1,389	1,475	1,491	1,385	1,484	1,527
UN ²	224	202	211	221	280	343	295	253	307	340	343
Total	17,039	17,436	17,569	17,728	17,578	17,348	17,280	17,044	17,185	17,199	17,250
<i>Annual change</i>		397 2.3%	133 0.8%	159 0.9%	-150 -0.8%	-230 -1.3%	-68 -0.4%	-236 -1.4%	141 0.8%	14 0.1%	51 0.3%
K-5	7,406	7,376	7,516	7,614	7,482	7,378	7,306	7,168	7,275	7,263	7,383
6-8	3,939	3,999	4,005	4,049	4,015	4,046	4,065	3,959	3,923	3,895	3,847
9-12	5,470	5,859	5,837	5,844	5,801	5,581	5,614	5,664	5,680	5,701	5,677

	5 Year Change: 2005-06 to 2010-11		5 Year Change: 2010-11 to 2015-16		10 Year Change: 2005-06 to 2015-16	
	5 yr. chg.	Pct.	5 yr. chg.	Pct.	10 yr. chg.	Pct.
K-5	-28	0%	5	0%	-23	0%
6-8	107	3%	-199	-5%	-92	-2%
9-12	111	2%	96	2%	207	4%
Total	309	2%	-98	-1%	211	1%

1. Includes enrollment at charter schools.

2. "UN" is ungraded special education, not included in K-5, 6-8, and 9-12 totals.

Source: North Clackamas School District, Fall enrollment.

Private School Enrollment, Home School, and Inter-District Transfers

The best estimates of private school enrollment for NCSD residents come from the Census Bureau — the 1990 and 2000 Census “long form” and the more recent ACS. Table 10 shows that in 1990, about 900 residents in 1st-12th grade were enrolled in private schools, a 7 percent share. In the 2000 Census, about 1,900 of the K-12 students living in the District were reported as private school students, including 1,600 students in grades 1-12. As the number of students enrolled in private school nearly doubled during the 1990s, the share of students enrolled in private school for grades 1-12 increased from 7.2 to 10.5 percent. According to the 2010-2014 ACS, about nine percent of 1st-12th grade NCSD residents attend private schools⁷, not significantly different than the 2000 estimate considering the margin of error in the ACS sample.

Table 10 School Enrollment by Type of School Residents of North Clackamas School District Census Data, 1990, 2000 & 2010-2014				
	1990	2000	2010-14	
			estimate	MOE*
Enrolled in 1 st -12 th grade	12,325	15,524	17,801	+/-925
Public Schools	11,435	13,893	16,198	+/-914
Private Schools	890	1,631	1,603	+/-305
<i>Private Share</i>	7.2%	10.5%	9.0%	+/- 1.8%
Enrolled in 1 st -8 th grade	N/A	10,547	11,423	+/-730
Public Schools		9,361	10,293	+/-720
Private Schools		1,186	1,130	+/-256
<i>Private Share</i>		11.2%	9.9%	+/- 2.3%
Enrolled in 9 th -12 th grade	N/A	4,977	6,378	+/-567
Public Schools		4,532	5,905	+/-563
Private Schools		445	473	+/-166
<i>Private Share</i>		8.9%	7.4%	+/- 2.7%
*Margin of sampling error at the 90 percent confidence level.				
Sources: 1990 Census, Summary Tape File 3, Table P54 (NCSD area estimated by PRC);				
2000 Census, Summary File 3, Table P36 (NCSD area estimated by PRC);				
2010-2014 American Community Survey, Table B14002 (tabulated for NCSD area by Census Bureau).				

⁷ U.S. Census Bureau, 2000 Census, Summary File 3, Table P36; U.S. Census Bureau 2010-2014 American Community Survey 5 year estimates, Table B14002.

Another difference between public school enrollment and total school age population can be attributed to home schooling. Home schooled students age 7 to 18 living in the District are required to register with the Clackamas Education Service District (CESD), though the statistics kept by the CESD are not precise because students who move out of the area are not required to drop their registration. Students who enroll in public schools after being registered as home schooled are dropped from the home school registry.

Table 11 shows these data by grade level. As of January 2016, there were 587 NCSD residents registered for home instruction, a modest decline from recent years. Over 40 percent of the home school students were of high school ages. The current number of registered home school students represented about two percent of the NCSD's resident 1st-5th grade population, five percent of its 6th-8th grade population, and about four percent of its 9th-12th grade population.

<p>Table 11</p> <p>Home School Students Residing in NCSD¹</p>				
Year²	Grade 1-5	Grade 6-8	Grade 9-12	Total
2007-08	158	153	280	591
2008-09	156	154	333	643
2010-11	172	158	317	647
2011-12	160	176	314	650
2012-13	182	195	281	658
2014-15	170	187	298	655
2015-16	155	188	244	587

1. Residents of NCSD age 7-18 registered with Clackamas Education Service District.

2. Registry as of 1/17/2008, 2/2/2009, 3/1/2011, 1/20/2012, end of school year 2013, 2/3/2015, 1/13/2016

Source: Clackamas Education Service District.

Private schools and home schooling help to explain the difference between the number of school-age children living in the District and the number attending District schools. Both represent “outflow” from the District. That is, children eligible but not attending District schools. The other “outflow” consists of District residents who attend public schools in other school districts. There is also a related “inflow” of residents from other districts.

Under Oregon's traditional inter-district transfer rules, students who wanted to attend a public school outside of their resident district had to gain approval from their home district and the

district that they want to attend, and that approval must be renewed each year. After several years of net losses of students under this policy, which remains as one of the transfer options, the flow in 2014-15 was nearly balanced, with 90 students transferring into NCSD and 96 students transferring out. In 2015-16 the inter-district net was -31, the third largest loss of the last five years.

Beginning in the 2012-13 school year, Oregon adopted a new open enrollment policy under which students may transfer without approval of their home district to a district that designates available spaces at its schools. NCSD did not participate in open enrollment in 2012-13, and participation in 2013-14 was limited to a small number of slots at Milwaukie and Rex Putnam High Schools. Consequently, there was a large net outflow to other districts under the policy. For the 2014-15 school year, the District expanded the program to include eight elementary schools, all four middle schools, and four high schools. Table 12 shows that the District gained 30 students through open enrollment in 2014-15. In 2015-16 the gain quadrupled to 122.

Table 12 Transfers						
	Inter-District Transfers			Open Enrollment		
	Into NCSD	Out of NCSD	Net	Into NCSD	Out of NCSD	Net
2011-12						
K-5	23	89	-66	0	0	0
6-8	13	34	-21	0	0	0
9-12	110	72	38	0	0	0
Net	146	195	-49	0	0	0
2012-13						
K-5	41	83	-42	0	N/A	N/A
6-8	14	39	-25	0	N/A	N/A
9-12	100	54	46	0	N/A	N/A
Net	155	176	-21	0	45	-45
2013-14						
K-5	37	83	-46	0	59	-59
6-8	9	39	-30	0	15	-15
9-12	44	54	-10	10	27	-17
Net	90	176	-86	10	101	-91
2014-15						
K-5	17	42	-25	21	47	-26
6-8	6	15	-9	41	15	26
9-12	67	39	28	62	32	30
Net	90	96	-6	124	94	30
2015-16						
K-5	10	45	-35	87	48	39
6-8	8	15	-7	62	13	49
9-12	27	16	11	62	28	34
Net	45	76	-31	211	89	122
<i>Source: North Clackamas School District</i>						

Neighboring Districts

Table 13 displays several facts about NCSD demographic and enrollment trends in comparison to three other nearby Clackamas County school districts.

- Among the four districts, NCSD had the greatest enrollment growth from 2000-01 to 2008-09 and the largest population growth from 2000 and 2010.
- With the exception of Gladstone, each of the districts lost enrollment between 2008-09 and 2015-16.

- Between 2000 and 2010, the population share of persons below age 5 as well as the share age 5 to 17 declined in all four districts.

Table 13
Selected School Districts
Demographic and Enrollment Highlights, 2000 to 2015

	North Clackamas	Oregon City	Canby	Gladstone
Enrollment growth, 2000-01 to 2008-09	18%	7%	-5%	-13%
Enrollment growth, 2008-09 to 2015-16	-3%	-2%	-7%	3%
Population growth, 2000 to 2010	15%	14%	10%	-1%
Grades 9-12 enrollment, 2015-16	34%	33%	31%	35%
Latino enrollment, 2015-16	18%	12%	29%	15%
Population under age 5, 2000	6.8%	7.2%	6.4%	6.6%
Population under age 5, 2010	6.1%	5.8%	5.9%	5.8%
Population share age 5 to 17, 2000	18%	19%	20%	20%
Population share age 5 to 17, 2010	17%	18%	18%	18%
Population rural, 2010	0.9%	17.7%	31.5%	0.0%
Median Household Income 2010-14*	\$58,970	\$62,372	\$62,493	\$56,325
Median Household Income - MOE	+/-1,415	+/-3038	+/-4182	+/-5091
Median Value of Home 2010-14*	\$265,600	\$265,600	\$284,800	\$227,000
Median Value of Home - MOE	+/-4986	+/-5,359	+/-8264	+/-10,435

Data from U.S. Census Bureau; school districts; OR Dept. of Education.

**Note. U.S. Census Bureau, 2010-2014 American Community Survey (ACS) 5 Year Estimates. Table B19013, Median Household Income; Table B25077, Median Value of Owner-Occupied Housing Units. In 2014 Inflation Adjusted Dollars. ACS data needs to be interpreted along with margins of error (MOE).*

Enrollment Trends at Individual Schools

Current (2015-16) enrollment totals for elementary and middle schools are not comparable to years prior to 2011-12 due to changes that occurred in 2011, including the closure of Campbell and Clackamas elementary schools, boundary realignment, and the reassignment of 6th grade from elementary to middle schools. Additional changes to elementary attendance areas within the Alder Creek/Rex Putnam feeder system occurred in 2014 with the closure of Concord. Notes about specific changes are included in the school profiles in Appendix B.

In the four years since 2011-12 for which boundaries and grade configurations in the Clackamas (CHS) feeder system have been stable, elementary schools that have grown the most have been Spring Mountain (gain of 120 students) and Duncan (gain of 115 students). Oregon Trail, Scouters Mountain, Sunnyside and have also added enrollment, while losses have occurred at two CHS elementary schools, Happy Valley (loss of 25 students) and Mount Scott (loss of 34 students). Happy Valley Middle School added 106 students in the most recent four years, while Rock Creek Middle School had a net loss of 15 students. Clackamas High School has grown by 194 students since 2011-12.

Boundaries and grade configurations have also been unchanged since 2011-12 in the Milwaukie (MHS) feeder system. Over the most recent four year period enrollment losses occurred at every MHS school. Among elementary schools Lewelling had the largest decline (44 students) followed by Whitcomb (42). Rowe Middle School enrolled 193 fewer students in 2015-16 compared with 2011-12, and Milwaukie High School declined by 67 over the same period.

All of the Rex Putnam (RPHS) feeder elementary schools had boundary changes before the 2014-15 school year. As a group including now closed Concord, the RPHS elementary schools enrolled 69 fewer students than in 2011-12, the initial year of the K-5th grade configuration. During the same period between 2011-12 and 2015-16, enrollment declined by 66 students at Alder Creek Middle School and 111 students at RPHS.

Total enrollments at each of the District's schools from 2009-10 to 2015-16 are shown in Table 14. Enrollment change is calculated for the five year period.

Table 14
Enrollment History for Individual Schools, 2010-11 to 2015-16

School	Historic Enrollment						Change	
	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2010-11 to 2015-16	
Clackamas ES	352	<i>closed</i>					-352	--
Duncan ES	478	452	465	493	523	567	89	19%
Happy Valley ES	564	471	462	447	451	446	-118	-21%
Mount Scott ES	492	407	390	381	357	373	-119	-24%
Oregon Trail ES	485	382	382	398	422	427	-58	-12%
Scouters Mountain ES	473	454	473	468	473	505	32	7%
Spring Mountain ES	490	398	407	446	490	518	28	6%
Sunnyside ES	485	519	538	519	540	559	74	15%
Happy Valley MS	688	960	996	997	1,037	1,066	378	55%
Rock Creek MS	569	883	856	860	866	868	299	--
Clackamas HS	2,267	2,297	2,319	2,355	2,479	2,491	224	10%
CHS Feeder System	7,343	7,223	7,288	7,364	7,638	7,820	477	6%
Ardenwald ES	457	508	495	504	474	487	30	7%
Campbell ES	306	<i>closed</i>					-306	--
Lewelling ES	368	385	377	403	382	341	-27	-7%
Linwood ES	404	353	321	325	344	334	-70	-17%
Milwaukie ES	230	162	152	159	152	133	-97	-42%
Whitcomb ES	516	486	469	480	449	444	-72	-14%
Rowe MS	684	1,042	973	911	903	849	165	24%
Milwaukie HS	1,187	1,119	1,125	1,117	1,105	1,052	-135	-11%
MHS Feeder System	4,152	4,055	3,912	3,899	3,809	3,640	-512	-12%
Bilquist ES	430	463	425	422	455	442	12	3%
Concord ES	383	309	311	295	<i>closed</i>		-383	--
Oak Grove ES	511	403	370	362	403	442	-69	-14%
Riverside ES	219	184	153	166	283	282	63	29%
Riverside Bilingual	81	113	143	174	166	160	79	98%
View Acres ES	423	376	382	399	425	453	30	7%
Alder Creek MS	708	1,052	1,013	1,038	1,010	986	278	39%
Rex Putnam HS	1,269	1,275	1,262	1,228	1,151	1,164	-105	-8%
RPHS Feeder System	4,024	4,175	4,059	4,084	3,893	3,929	-95	-2%
El Puente ES	214	183	171	166	201	228	14	7%
Sojourner School	183	183	179	173	172	168	-15	-8%
New Urban HS	180	168	144	143	111	123	-57	-32%
Other Programs	95	104	79	81	80	68	-27	-28%
District-wide Schools	672	638	573	563	564	587	-85	-13%
District-run Total	16,191	16,091	15,832	15,910	15,904	15,976	-215	-1%
Cascade Heights	222	224	230	228	226	220	-2	-1%
Clack. Web Academy	466	465	459	450	435	424	-42	-9%
Clack. Middle College	295	293	293	304	304	303	8	3%
Milw. Academy of Arts	174	207	230	293	330	327	153	88%
Charters Total	1,157	1,189	1,212	1,275	1,295	1,274	117	10%
Grand Total	17,348	17,280	17,044	17,185	17,199	17,250	-98	-1%

Source: North Clackamas School District

ENROLLMENT FORECASTS

District-wide Long-range Forecast Methodology

To ensure that enrollment forecasts are consistent with the dynamics of likely population growth within the District, a grade progression enrollment model is combined with a demographic cohort-component model used to forecast population for the District by age and sex. The components of population change are births, deaths, and migration. Using age-specific fertility rates, age-sex specific mortality rates, age-sex specific migration rates, estimates of recent net migration levels, and forecasts of future migration levels, each component is applied to the base year population in a manner that simulates the dynamics of population change. In addition to the middle series, or most likely, population and enrollment forecasts, we also prepared high and low series forecasts with alternative assumptions about future net migration.

The 2000 and 2010 Census results are used as a baseline for the population forecasts. By “surviving” the 2000 population and 2000s births (estimating the population in each age group that would survive to the year 2010) and comparing the “survived” population to the actual 2010 population by age group, we are able to estimate the overall level of net migration between 2000 and 2010 as well as net migration by gender and age cohort. The net migration data was used to develop initial net migration rates, which were used as a baseline for rates used to forecast net migration for the 2010 to 2030 period.

We estimated the number of births to women residing within the District each year from 1999 to 2014, using data from the Oregon Department of Human Services, Center for Health Statistics. Detailed information including the age of mothers is incorporated in the establishment of age-specific fertility rates (ASFRs) for both 2000 and 2010.

The total fertility rate (TFR) is another measure for fertility; it is an estimate of the number of children that would be born to the average woman during her child-bearing years based on age-specific fertility rates observed at a given time. The estimated TFR for NCSD decreased from 2.05 in 2000 to 1.77 in 2010. Similar trends were observed in Clackamas County and the State during the past decade. In 2000, the TFRs were 2.02 for Clackamas County and 1.98 for the State; while in 2010, the estimated TFRs were 1.80 for Clackamas County and 1.79 for the State.

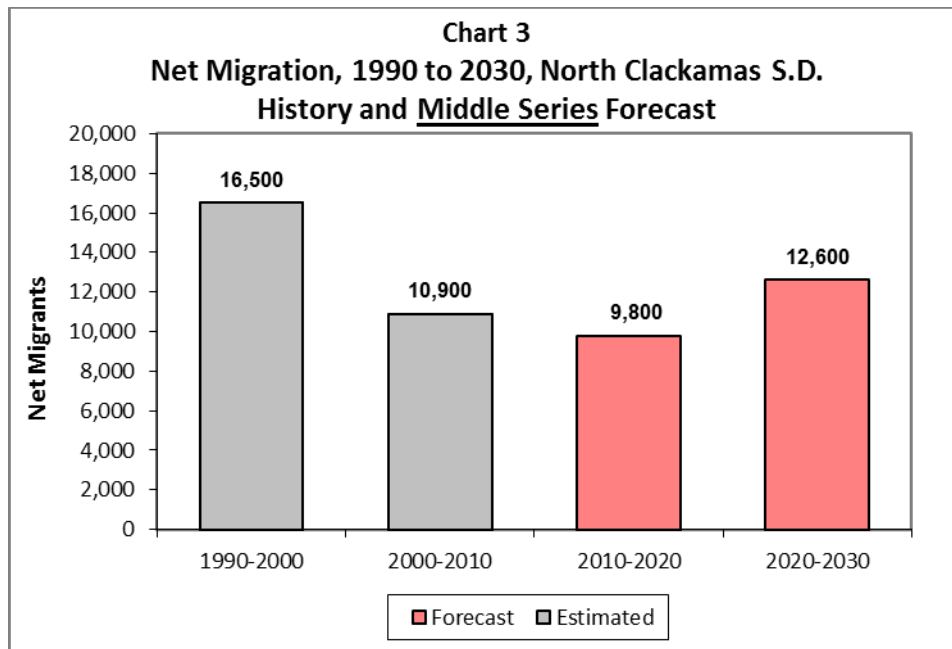
State and national long term trends indicate declining fertility rates for women under 30, but fertility rates in 2010 were unusually low, likely due to the poor economy. We increased rates slightly by 2020 for all age groups 25 and over, resulting in a rebound in TFR from 1.77 in 2010 to 1.84 in 2015. The same set of future fertility rates were used in all three forecast scenarios, but the number of births varies slightly between scenarios due to differences in the populations of women in child-bearing ages.

School enrollment is linked to population in two ways. First, the kindergarten and first grade enrollments at the time of the most recent census (the 2009-10 school year) are compared to the population at the appropriate ages counted in the census. The “capture rate,” or ratio of enrollment to population, is an estimate of the share of area children enrolled in NCSD schools. Assumptions for capture rates based on census data are used to bring new kindergarten and first grade students into the District. If there is evidence that capture rates have changed since the time of the census, they may be adjusted in the forecast. Kindergarten capture rates, about 0.80 in 2010, increased to 0.82 in fall 2015 when full day kindergarten became universal. Rates for first grade are held at 0.86, accounting for close to 14 percent of NCSD residents who may be attending private or charter schools, are home schooled, or enrolled in other districts.

The other way that historic population and enrollment are linked is through migration. Annual changes in school enrollment by cohort closely follow trends in the net migration of children in the District’s population. Once the students are in first grade, a set of baseline rates are used to move students from one grade to the next. A grade progression rate (GPR) is the ratio of enrollment in an individual grade to enrollment in the previous grade the previous year. Baseline rates, usually 1.00 for elementary grades, represent a scenario under which there is no change due to migration. Enrollment change beyond the baseline is added (or subtracted, if appropriate) at each grade level depending on the migration levels of the overall population by single year of age.

Population Forecast

The District added about 2,600 fewer residents in the 2000s than in the 1990s. Most of the difference was due to a lower level of positive net migration (people moving in minus people moving out). Natural increase (births minus deaths) has also contributed less to population growth since 2000 due to an aging population and lower fertility. The current decade began like the last one ended, with slower growth. The current rebound in housing development is an indication that migration is increasing. However, net in-migration in the 2010 to 2020 decade falls short of the previous two decades in these forecasts. Chart 3 shows the 1990 to 2010 estimates and 2010 to 2030 forecasts of NCSD population growth attributable to net migration under the middle series forecast scenario. Forecasts of net migration under the high and low series scenarios are presented in charts in the appendix.



The 2010 population for the NCSD was 113,071, an increase of 14,922 persons from the 2000 Census (1.4 percent average annual growth rate, or AAGR). The middle series forecast for 2020 population in the NCSD is 125,131, an increase of 12,060 persons from the 2010 Census (1.0 percent AAGR). The 2030 population forecast is 138,286, an additional increase of 13,155 persons (1.0 percent AAGR).

School-age population (5 to 17) increased by 2,117 persons between 2000 and 2010. Because the 12 percent increase in school age population was less than the 15 percent increase in total population, school age population fell as a share of total population, from 17.6 percent to 17.1 percent. School age population in NCSD has declined since 2010, and rebounds to increase by only 141 persons over the course of the decade in the middle series forecast, resulting in an even lower share of 15.6 percent in 2020. Between 2020 and 2030, school age population grows faster than total population, increasing its share from 15.6 percent to 15.9 during the decade. These middle series forecasts are shown in Table 15. The high and low population forecasts by age group are included in Appendix A.

Table 15
Population by Age Group, Middle Series Forecast
North Clackamas School District, 2000 to 2030

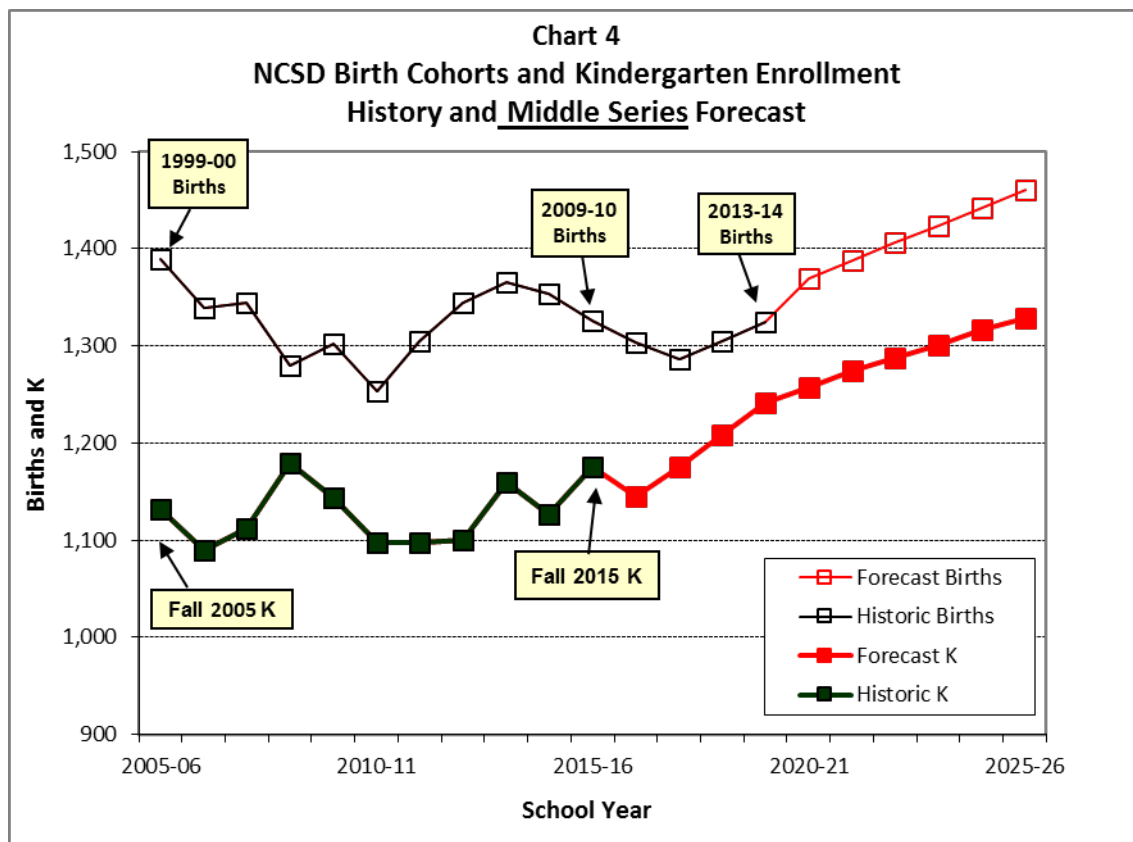
	2000 Census	2010 Census	2020 Forecast	2030 Forecast	2010 to 2030 Change	
					Number	Percent
Under Age 5	6,662	6,917	7,389	7,948	1,031	15%
Age 5 to 9	6,730	7,100	7,255	8,319	1,219	17%
Age 10 to 14	6,703	7,558	7,633	8,548	990	13%
Age 15 to 17	3,823	4,715	4,626	5,067	352	7%
Age 18 to 19	2,521	2,757	2,862	2,920	163	6%
Age 20 to 24	6,433	6,836	7,814	7,978	1,142	17%
Age 25 to 29	6,769	7,231	8,242	8,498	1,267	18%
Age 30 to 34	6,940	7,584	7,848	8,980	1,396	18%
Age 35 to 39	7,553	7,657	8,072	9,241	1,584	21%
Age 40 to 44	7,990	7,863	8,435	8,862	999	13%
Age 45 to 49	8,001	8,340	8,221	8,873	533	6%
Age 50 to 54	7,005	8,530	8,287	9,047	517	6%
Age 55 to 59	5,126	8,063	8,301	8,283	220	3%
Age 60 to 64	3,601	6,766	8,179	7,998	1,232	18%
Age 65 to 69	2,898	4,658	7,350	7,581	2,923	63%
Age 70 to 74	2,856	3,171	5,839	7,072	3,901	123%
Age 75 to 79	2,673	2,476	3,777	5,824	3,348	135%
Age 80 to 84	1,980	2,139	2,253	3,949	1,810	85%
Age 85 and over	1,885	2,710	2,748	3,297	587	22%
Total Population	98,149	113,071	125,131	138,286	25,215	22%
Total age 5 to 17	17,256	19,373	19,514	21,934	2,561	13%
<i>share age 5 to 17</i>	<i>17.6%</i>	<i>17.1%</i>	<i>15.6%</i>	<i>15.9%</i>		

	2000-2010	2010-2020	2020-2030
Population Change	14,922	12,060	13,155
<i>Percent</i>	<i>15%</i>	<i>11%</i>	<i>11%</i>
<i>Average Annual</i>	<i>1.4%</i>	<i>1.0%</i>	<i>1.0%</i>

Source: U.S. Census Bureau, 2000 and 2010 Censuses; data aggregated to NCSD boundary by Portland State University Population Research Center. PSU-PRC Forecasts, 2020 and 2030.

District-wide Enrollment Forecast

Chart 4 compares the historic and forecast number of births in the District with the historic and forecast number of NCSD kindergarten students under the middle series scenario. Births correspond to kindergarten cohorts (September to August). Many children move into and out of the District between birth and age five, and not all District residents attend NCSD kindergartens, so the difference between lagged births and NCSD kindergarten enrollment represents a combination of net migration and the kindergarten capture rate. In the historic period shown in the chart the ratio of kindergarten enrollment to births five years earlier has averaged about 0.85. This ratio provides evidence of net in-migration, given the historic kindergarten capture rate of 0.80. The ratio averages 0.88 over the 10 year horizon of the middle series forecasts, somewhat higher than the recent historic period.



The historic GPRs in Table 16 show the contrast between the most recent seven years, when enrollment fell through 2012-13 and then began to recover, and the previous three years, when enrollment steadily increased. In both periods, the highest rates were for the kindergarten to 1st

grade progression, when the District enrolled new students who had attended private kindergartens. For the progressions into all other grades, rates were consistently above 1.00 before 2008-09, indicating gains due to net migration. Since 2008-09, rates have been lower than in the earlier period for all levels. This indicates no gain or net enrollment loss attributable to migration.

Table 16 Grade Progression Rates¹ NCSD, Historic and Forecast				
Grade Transition	3 year Hist. Average: 2005-06 to 2008-09	7 year Hist. Average: 2008-09 to 2015-16	Baseline (without the influence of migration)	10 year Fcst. Average: 2015-16 to 2025-26
K-1	1.109	1.087	— ²	1.066
1-2	1.019	1.008	1.000	1.014
2-3	1.008	0.998	1.000	1.014
3-4	1.033	1.003	1.000	1.014
4-5	1.028	1.006	1.000	1.016
5-6	1.025	1.017	1.020	1.033
6-7	1.021	1.013	1.000	1.014
7-8	1.013	1.008	1.000	1.013
8-9	1.089	1.027	1.030	1.042
9-10	1.009	1.002	1.000	1.013
10-11	1.019	1.007	1.000	1.011
11-12	1.030	1.022	1.040	1.053

1. Ratio of enrollment in an individual grade to enrollment in the previous grade the previous year.

2. The enrollment forecast model uses capture rates for first grade; K-1 baseline GPRs are not used.

In the *middle series* forecast, overall NCSD K-12 enrollment is expected to increase by 1,553 students (nine percent) in the next 10 years. Increases in K-12 enrollment for the first three years of the forecast are modest, followed by larger growth beginning in 2019-20. K-5 enrollments grow slowly initially, adding 262 students in the first five years. Their growth accelerates in the second five years, for a total growth of 883 (12 percent). Grade 6-8 enrollments increase by 287 (seven percent) in the first five years and slow down to an increase of only 38 students in the second five years of the forecast, for an overall ten year increase of 325 (eight percent). After declining for the first three years of the forecast, high school enrollment begins to grow in 2019-20. Its loss of

86 students in the first half of the forecast is offset by an increase of 431 students in the second half, producing a net ten year enrollment gain of 345 (six percent).

The *low series* forecast depicts a scenario under which net migration remains near its recent low levels. Overall K-12 enrollment declines by 125 students (0.7 percent) during the first three years of the forecast and then begins increasing in 2019-20. Over the entire 10 year period, K-12 enrollment is expected to increase by 939 students (five percent). K-5 enrollment increases modestly in the first five years of the forecast, and then grows by 530 students between 2010-21 and 2025-26. Grade 6-8 enrollment increases by 195 students over the first five years of the forecast, and then flattens to an increase of just five students in during the second five years. Grade 9-12 shows enrollment losses for four of the first five years of the forecast and then grows during the last five years, for an overall increase of 121 students (two percent).

The *high series* forecast includes net migration consistently near the higher levels observed in the mid-2000s. K-12 enrollment grows at an average of 1.2 percent annually. Over the entire 10 year period, K-12 enrollment is expected to increase by 2,163 students (12.5 percent). Most of the enrollment increase occurs in grades K-5, which add 1,151 students (16 percent). Enrollment in grades 6-8 grows by nine percent during the first five years, and then slows, ending the ten year forecast period with an overall 467 student (twelve percent) increase. Enrollment in grades 9-12 remains stable for the first three years of the forecast, and then grows throughout the remainder of the ten year forecast period, adding a total of 545 students (ten percent).

Table 17 contains annual district-wide forecasts by school level under the three scenarios for the District. Detailed annual forecasts by individual grades are included in Appendix A.

Table 17
North Clackamas S.D. Enrollment Forecasts by School Level, 2016-17 to 2025-26

		LOW SERIES FORECAST						FORECAST CHANGE		
Grade	Actual 2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2025-26	2015-16 to 2020-21	2020-21 to 2025-26	2015-16 to 2025-26
K-5	7,383	7,391	7,414	7,406	7,388	7,471	8,001	88	530	618
6-8	3,847	3,826	3,814	3,883	3,981	4,042	4,047	195	5	200
9-12	5,677	5,599	5,564	5,493	5,497	5,474	5,798	-203	324	121
Total¹	17,250	17,159	17,135	17,125	17,209	17,330	18,189	80	859	939
<i>Annual change²</i>		-91	-24	-10	84	121	172			
		-0.5%	-0.1%	-0.1%	0.5%	0.7%	1.0%			

		MIDDLE SERIES FORECAST						FORECAST CHANGE		
Grade	Actual 2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2025-26	2015-16 to 2020-21	2020-21 to 2025-26	2015-16 to 2025-26
K-5	7,383	7,448	7,511	7,538	7,548	7,645	8,266	262	621	883
6-8	3,847	3,847	3,853	3,941	4,062	4,134	4,172	287	38	325
9-12	5,677	5,621	5,607	5,561	5,591	5,591	6,022	-86	431	345
Total¹	17,250	17,259	17,314	17,383	17,544	17,713	18,803	463	1,090	1,553
<i>Annual change²</i>		9	55	69	161	169	218			
		0.1%	0.3%	0.4%	0.9%	1.0%	1.2%			

		HIGH SERIES FORECAST						FORECAST CHANGE		
Grade	Actual 2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2025-26	2015-16 to 2020-21	2020-21 to 2025-26	2015-16 to 2025-26
K-5	7,383	7,499	7,596	7,641	7,675	7,803	8,534	420	731	1,151
6-8	3,847	3,865	3,885	3,983	4,114	4,198	4,314	351	116	467
9-12	5,677	5,645	5,650	5,616	5,659	5,676	6,222	-1	546	545
Total¹	17,250	17,352	17,474	17,583	17,791	18,020	19,413	770	1,393	2,163
<i>Annual change²</i>		102	122	109	208	229	279			
		0.6%	0.7%	0.6%	1.2%	1.3%	1.5%			

1. Totals include ungraded special education, not included in K-5, 6-8, and 9-12 totals.

2. Average annual change shown for 2020-21 to 2025-26.

Population Research Center, Portland State University, December 2015.

Individual School Forecasts

Forecasts for individual schools are consistent with the *middle series* district-wide forecast. Program changes, open enrollment policies in NCSD and neighboring districts, school choice policies, boundary adjustments, or other decisions about individual schools and the students they serve could impact enrollment in ways that these forecasts do not anticipate. The individual school forecasts depict what future enrollments might be if facilities, programs, and boundaries remain unchanged from 2016-17 to 2025-26.

The forecasts of future kindergarten classes rely on information about the number of births to women residing in each attendance area, recent enrollment trends, and expected housing growth. Because trends in larger geographic areas are less volatile than in smaller areas, the kindergarten forecast is prepared top-down, with forecasts for the three feeder system totals prepared first, consistent with the district-wide middle series kindergarten forecast, and forecasts for each school consistent with the feeder system totals.

Subsequent grades at individual schools were forecast using GPRs influenced by district-wide rates, historic observations, and expected housing growth. These forecasts are also top-down; forecasts for the three feeder systems together with the non-neighborhood schools must be consistent with the district-wide middle series forecasts by individual grade, and forecasts for each neighborhood school must be consistent with the totals for its feeder system.

Among the District's elementary schools, the greatest growth is forecast at Scouters Mountain, which adds 201 students (40 percent). Other CHS area elementary schools Duncan, Oregon Trail, and Mount Scott also add more than 100 students each. The three remaining CHS elementary schools grow by smaller amounts. Happy Valley Middle School enrollment grows by 156 (15 percent) over the forecast period and Rock Creek is similar with a 17 percent increase (148 students). Clackamas High School grows by 490 students (20 percent), with its growth accelerating in the second half of the forecast.

MHS feeder schools are limited to small gains or losses over the ten year forecast period. Ardenwald and Linwood show the largest growth for elementary schools at 17 students each, while Rowe Middle School loses 18 students. Milwaukee High School declines by 127 students (12 percent).

Elementary schools in the RPHS feeder system had new boundaries beginning in the 2014-15 school year. This presents special challenges for preparing long-range forecasts, because historic grade progressions for schools under consistent boundaries are unavailable. Our inventories of geocoded student address points were reassigned to the new boundaries in order to quantify the relationship between kindergarten enrollment and historic births, and GPRs from the feeder system forecast were used as a basis for each school's 1st to 5th grade forecasts. For the 2016-17 to 2025-26 period we forecast a 13 student enrollment loss at Bilquist, a 46 student gain at Riverside and a gain of 29 at Oak Grove. The other two RPHS elementary schools end the forecast with no change. Alder Creek Middle School gains 41 students and Rex Putnam High School loses 18 during the forecast period.

Table 18 presents the enrollment forecasts for each school, grouped by feeder system. Profiles in Appendix B for each school include enrollment history, enrollment forecasts, and school capacities.

Table 18
Enrollment Forecasts for Individual Schools, 2016-17 to 2025-26

	Historic	Forecast										Change 2015-16 to 2025-26	
School	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	Number	Percent
Duncan ES	567	580	584	588	573	584	593	603	630	647	678	111	20%
Happy Valley ES	446	450	447	469	492	499	490	493	494	501	497	51	11%
Mount Scott ES	373	373	391	393	406	417	435	449	467	481	489	116	31%
Oregon Trail ES	427	437	458	465	465	484	498	514	530	542	553	126	30%
Scouters Mountain ES	505	516	511	524	549	570	594	621	648	678	706	201	40%
Spring Mountain ES	518	548	562	545	541	545	539	546	552	558	572	54	10%
Sunnyside ES	559	568	564	546	567	551	553	553	560	572	575	16	3%
Happy Valley MS	1,066	1,076	1,077	1,094	1,104	1,124	1,156	1,197	1,206	1,198	1,222	156	15%
Rock Creek MS	868	879	902	954	990	1,035	1,019	1,025	1,008	1,015	1,016	148	17%
Clackamas HS	2,491	2,529	2,581	2,618	2,628	2,663	2,749	2,799	2,888	2,972	2,981	490	20%
CHS Feeder System	7,820	7,956	8,077	8,196	8,315	8,472	8,626	8,800	8,983	9,164	9,289	1,469	19%
Ardenwald ES	487	476	482	476	473	486	483	491	500	502	504	17	3%
Lewelling ES	341	332	323	326	312	308	314	325	337	342	344	3	1%
Linwood ES	334	332	335	333	321	324	330	337	345	347	351	17	5%
Milwaukie ES	133	128	122	118	116	123	129	129	131	135	132	-1	-1%
Whitcomb ES	444	431	437	431	412	407	419	428	433	438	443	-1	0%
Rowe MS	849	837	805	817	864	897	880	812	792	803	831	-18	-2%
Milwaukie HS	1,052	993	951	905	902	865	871	926	922	942	925	-127	-12%
MHS Feeder System	3,640	3,529	3,455	3,406	3,400	3,410	3,426	3,448	3,460	3,509	3,530	-110	-3%

table continued on next page

Table 18 (continued)
Enrollment Forecasts for Individual Schools, 2016-17 to 2025-26

	Historic	Forecast										Change 2015-16 to 2025-26	
School	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	Number	Percent
Bilquist ES	442	436	427	425	413	425	409	416	418	422	429	-13	-3%
Oak Grove ES	442	436	437	441	442	446	441	451	455	463	471	29	7%
Riverside ES	282	281	278	282	296	300	308	314	321	329	328	46	16%
Riverside Bilingual	160	156	157	160	161	160	160	160	160	160	160	0	0%
View Acres ES	453	454	452	452	425	435	446	449	452	449	453	0	0%
Alder Creek MS	986	973	992	997	1,024	998	1,035	999	1,024	1,008	1,027	41	4%
Rex Putnam HS	1,164	1,129	1,127	1,099	1,100	1,094	1,089	1,136	1,127	1,143	1,146	-18	-2%
RPHS Feeder System	3,929	3,865	3,870	3,856	3,861	3,858	3,888	3,925	3,957	3,974	4,014	85	2%
El Puente ES	228	256	286	310	334	332	332	332	332	332	332	104	46%
Sojourner School	168	163	160	158	156	156	156	156	156	156	156	-12	-7%
New Urban HS	123	123	115	114	120	124	124	124	124	124	124	1	1%
Other Programs	68	68	68	68	68	68	68	68	68	68	68	0	0%
District-wide Schools	587	610	629	650	678	680	680	680	680	680	680	93	16%
District-run Total	15,976	15,960	16,031	16,108	16,254	16,420	16,620	16,853	17,080	17,327	17,513	1,537	10%
Cascade Heights	220	220	218	218	217	216	214	212	212	212	212	-8	-4%
Clack. Web Academy	424	445	445	445	445	445	445	445	445	445	445	21	5%
Clack. Middle College	303	299	290	284	301	305	305	306	306	306	306	3	1%
Milw. Academy of Arts	327	335	330	328	327	327	327	327	327	327	327	0	0%
Charters Total	1,274	1,299	1,283	1,275	1,290	1,293	1,291	1,290	1,290	1,290	1,290	16	1%
Grand Total	17,250	17,259	17,314	17,383	17,544	17,713	17,911	18,143	18,370	18,617	18,803	1,553	9%

Historic Enrollment: North Clackamas School District

Forecast: Population Research Center, Portland State University, December 2015.

FORECAST ACCURACY

In general, forecast error varies according to the size of the population being forecast and the length of the forecast horizon. The smaller the population and the longer the forecast period, the larger the error is likely to be. In particular, school level forecasts depend on assumptions about the distribution of housing and population growth in small areas within the District over a ten year period, so they should be used as only one of many tools in the planning process. The grade level forecasts are also subject to larger error than the total K-12 enrollments.

The best way to measure potential forecast error is to compare actual enrollments with previous forecasts that were conducted using similar data and methodologies. In Table 19, the actual NCSD enrollment by grade level in fall 2015 is compared with the 2015-16 forecasts prepared one, three, and four years ago. The one year forecast for districtwide K-12 enrollment was 16 students (0.1 percent) under the actual. The largest error was at the K level (-2.6 percent). The mean absolute percent error (MAPE) for the one year forecast was 1.3 percent.

The three year forecast prepared in early 2013 came in 37 students (0.2 percent) lower than 2015-16 K-12 actual enrollment. Its largest error was at 2nd grade (-6.1 percent). The MAPE for the three year forecast was 2.0 percent.

The four year forecast prepared in early 2012 was 317 students (1.8 percent) larger than 2015-16 K-12 actual enrollment. The largest error was 9th grade (6.8 percent), and the MAPE was 2.9 percent.

Table 20 displays forecast error for our high, middle and low forecasts of fall 2015 enrollment, prepared in March 2015.

Table 19
Fall 2015 Enrollment Compared to Previous Forecasts by Grade Level

Grade	2015-16 Actual	One year forecast ¹			Three year forecast ²			Four year forecast ³		
		Fcst.	Diff.	Error	Fcst.	Diff.	Error	Fcst.	Diff.	Error
K	1,175	1,144	-31	-2.6%	1,159	-16	-1.4%	1,190	15	1.3%
1	1,221	1,234	13	1.1%	1,233	12	1.0%	1,280	59	4.8%
2	1,289	1,282	-7	-0.5%	1,210	-79	-6.1%	1,236	-53	-4.1%
3	1,259	1,238	-21	-1.7%	1,222	-37	-2.9%	1,255	-4	-0.3%
4	1,209	1,212	3	0.2%	1,229	20	1.7%	1,244	35	2.9%
5	1,230	1,218	-12	-1.0%	1,239	9	0.7%	1,265	35	2.8%
6	1,254	1,266	12	1.0%	1,288	34	2.7%	1,323	69	5.5%
7	1,283	1,305	22	1.7%	1,295	12	0.9%	1,342	59	4.6%
8	1,310	1,326	16	1.2%	1,314	4	0.3%	1,327	17	1.3%
9	1,339	1,368	29	2.2%	1,400	61	4.6%	1,430	91	6.8%
10	1,407	1,380	-27	-1.9%	1,395	-12	-0.9%	1,423	16	1.1%
11	1,404	1,414	10	0.7%	1,444	40	2.8%	1,451	47	3.3%
12	1,527	1,507	-20	-1.3%	1,532	5	0.3%	1,506	-21	-1.4%
UN ⁴	343	340	-3		253	-90		295	-48	
Total	17,250	17,234	-16	-0.1%	17,213	-37	-0.2%	17,567	317	1.8%
MAPE⁵		1.3%			2.0%			2.9%		

1. Middle Series Forecast for 2015-16 by PSU-PRC, baseline 2014-15 enrollment, March 2015.

2. Middle Series Forecast for 2015-16 by PSU-PRC, baseline 2012-13 enrollment, January 2013.

3. Forecast for 2015-16 by PSU-PRC, baseline 2011-12 enrollment, February 2012.

4. Enrollment in Structured Learning Centers and Adult Transition.

5. Mean absolute percent error for individual grades K-12.

Table 20
Fall 2015 Enrollment Compared to March 2015 Low, Middle, and High Forecasts
By Grade Level

Grade	2015-16 Actual	Low series forecast ¹			Middle series forecast ¹			High series forecast ¹		
		Fcst.	Diff.	Error	Fcst.	Diff.	Error	Fcst.	Diff.	Error
K	1,175	1,130	-45	-3.8%	1,144	-31	-2.6%	1,159	-16	-1.4%
1	1,221	1,224	3	0.2%	1,234	13	1.1%	1,248	27	2.2%
2	1,289	1,274	-15	-1.2%	1,282	-7	-0.5%	1,291	2	0.2%
3	1,259	1,233	-26	-2.1%	1,238	-21	-1.7%	1,246	-13	-1.0%
4	1,209	1,207	-2	-0.2%	1,212	3	0.2%	1,219	10	0.8%
5	1,230	1,213	-17	-1.4%	1,218	-12	-1.0%	1,226	-4	-0.3%
6	1,254	1,260	6	0.5%	1,266	12	1.0%	1,275	21	1.7%
7	1,283	1,299	16	1.2%	1,305	22	1.7%	1,314	31	2.4%
8	1,310	1,320	10	0.8%	1,326	16	1.2%	1,335	25	1.9%
9	1,339	1,362	23	1.7%	1,368	29	2.2%	1,377	38	2.8%
10	1,407	1,374	-33	-2.3%	1,380	-27	-1.9%	1,389	-18	-1.3%
11	1,404	1,408	4	0.3%	1,414	10	0.7%	1,424	20	1.4%
12	1,527	1,501	-26	-1.7%	1,507	-20	-1.3%	1,518	-9	-0.6%
UN ²	343	340	-3	--	340	-3	--	340	-3	--
Total	17,250	17,145	-105	-0.6%	17,234	-16	-0.1%	17,361	111	0.6%
MAPE³		1.3%			1.3%			1.4%		

1. Forecasts for 2015-16 by PSU-PRC, baseline 2014-15 enrollment, prepared March 2015.

2. Enrollment in Structured Learning Centers and Adult Transition.

3. Mean absolute percent error for individual grades K-12.

APPENDIX A

DISTRICT-WIDE POPULATION AND ENROLLMENT FORECASTS

Chart A1
North Clackamas School District
Net Migration, 1990 to 2030, History and Low Series
Forecast

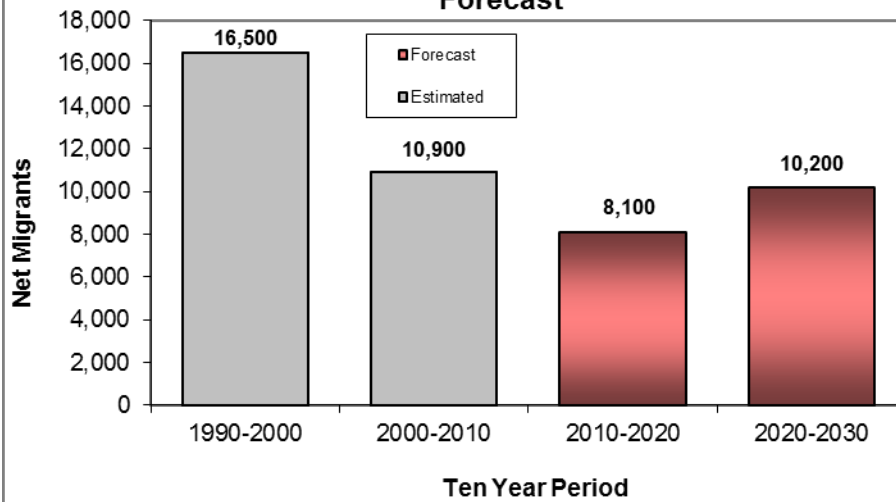
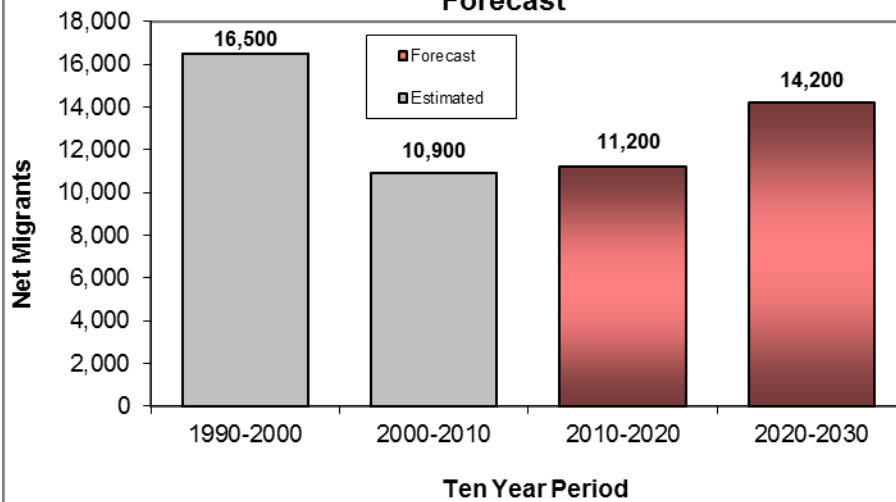


Chart A2
North Clackamas School District
Net Migration, 1990 to 2030, History and High Series
Forecast



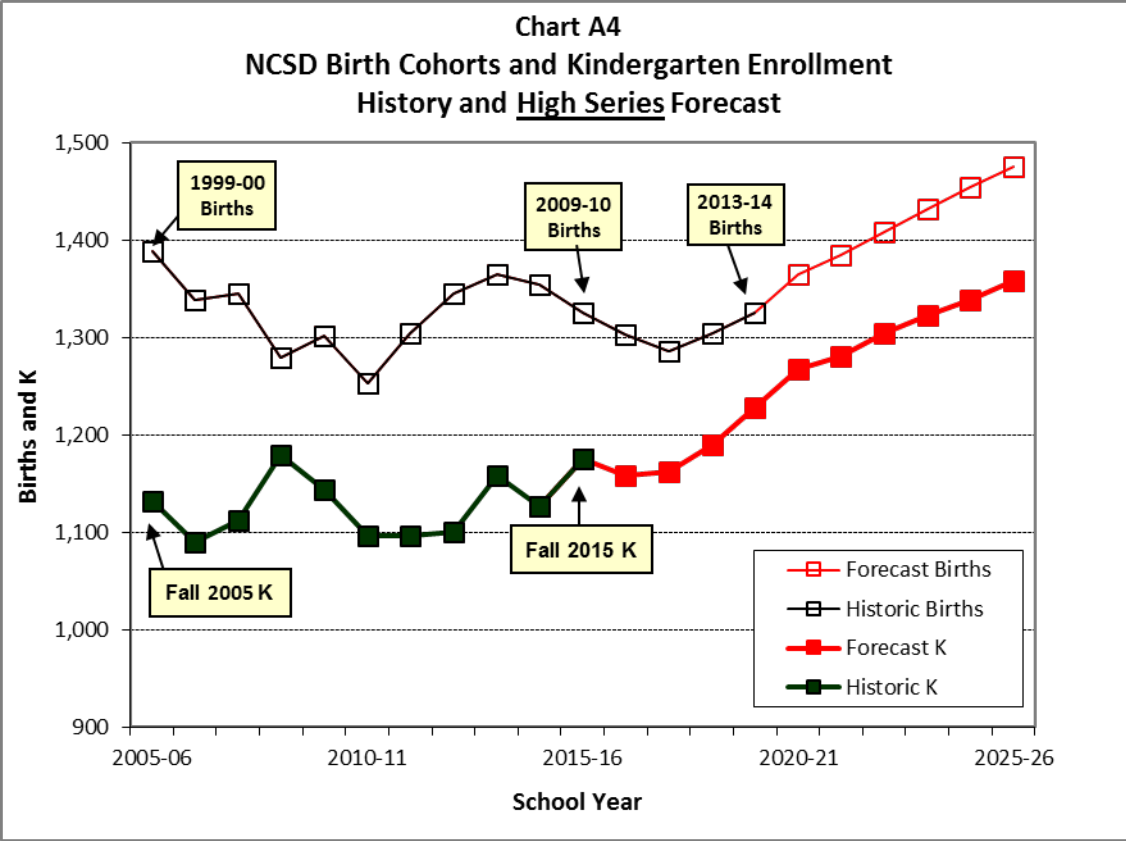
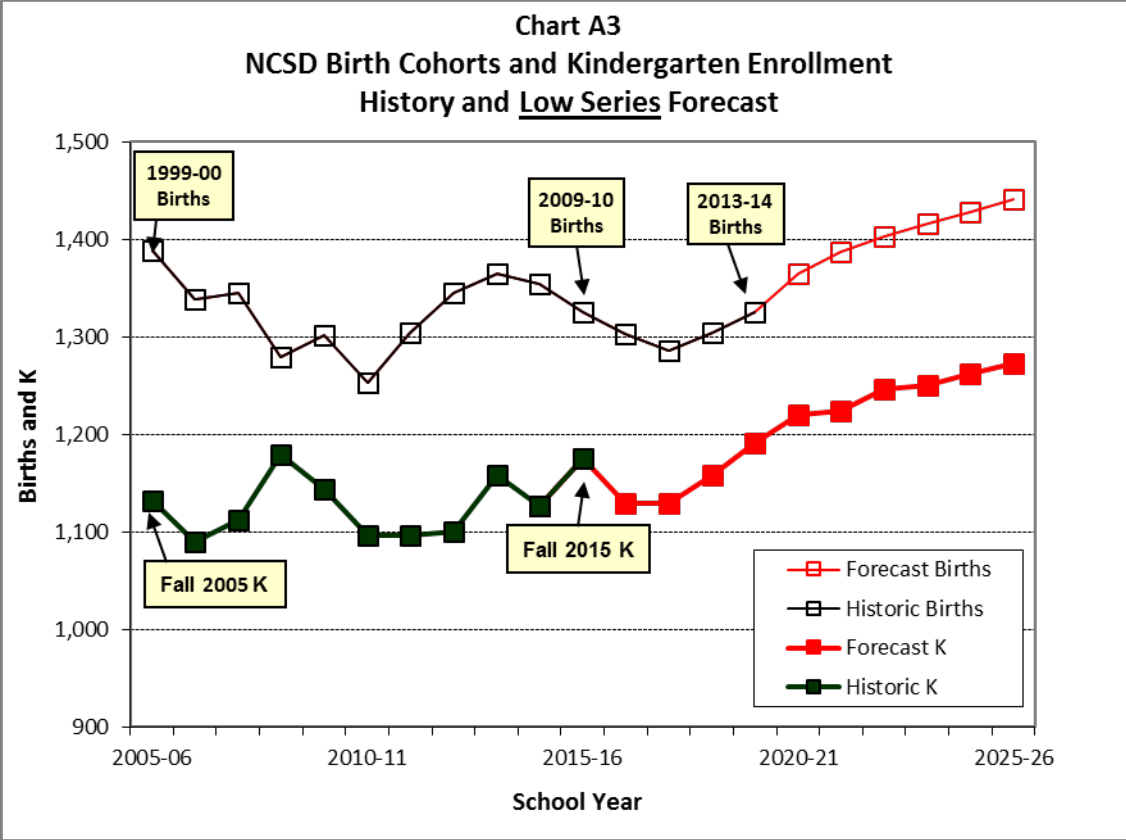


Table A1
Population by Age Group, Low Series Forecast
North Clackamas School District, 2000 to 2030

	2000 Census	2010 Census	2020 Forecast	2030 Forecast	2010 to 2030 Change	
					Number	Percent
Under Age 5	6,662	6,917	7,272	7,679	762	11%
Age 5 to 9	6,730	7,100	7,160	7,976	876	12%
Age 10 to 14	6,703	7,558	7,472	8,196	638	8%
Age 15 to 17	3,823	4,715	4,542	4,897	182	4%
Age 18 to 19	2,521	2,757	2,828	2,807	50	2%
Age 20 to 24	6,433	6,836	7,728	7,678	842	12%
Age 25 to 29	6,769	7,231	8,133	8,223	992	14%
Age 30 to 34	6,940	7,584	7,707	8,736	1,152	15%
Age 35 to 39	7,553	7,657	7,939	8,962	1,305	17%
Age 40 to 44	7,990	7,863	8,306	8,558	695	9%
Age 45 to 49	8,001	8,340	8,081	8,594	254	3%
Age 50 to 54	7,005	8,530	8,175	8,778	248	3%
Age 55 to 59	5,126	8,063	8,241	8,046	-17	0%
Age 60 to 64	3,601	6,766	8,125	7,806	1,040	15%
Age 65 to 69	2,898	4,658	7,298	7,439	2,781	60%
Age 70 to 74	2,856	3,171	5,790	6,950	3,779	119%
Age 75 to 79	2,673	2,476	3,737	5,731	3,255	131%
Age 80 to 84	1,980	2,139	2,186	3,868	1,729	81%
Age 85 and over	1,885	2,710	2,692	3,194	484	18%
Total Population	98,149	113,071	123,412	134,118	21,047	19%
Total age 5 to 17	17,256	19,373	19,174	21,069	1,696	9%
share age 5 to 17	17.6%	17.1%	15.5%	15.7%		

	2000-2010	2010-2020	2020-2030
Population Change	14,922	10,341	10,706
<i>Percent</i>	15%	9%	9%
<i>Average Annual</i>	1.4%	0.9%	0.8%

Source: U.S. Census Bureau, 2000 and 2010 Censuses; data aggregated to NCSD boundary by Portland State University Population Research Center. PSU-PRC Forecasts, 2020 and 2030.

Table A2
Population by Age Group, High Series Forecast
North Clackamas School District, 2000 to 2030

	2000 Census	2010 Census	2020 Forecast	2030 Forecast	2010 to 2030 Change	
					Number	Percent
Under Age 5	6,662	6,917	7,487	8,114	1,197	17%
Age 5 to 9	6,730	7,100	7,354	8,529	1,429	20%
Age 10 to 14	6,703	7,558	7,694	8,777	1,219	16%
Age 15 to 17	3,823	4,715	4,667	5,219	504	11%
Age 18 to 19	2,521	2,757	2,881	2,966	209	8%
Age 20 to 24	6,433	6,836	7,957	8,138	1,302	19%
Age 25 to 29	6,769	7,231	8,332	8,676	1,445	20%
Age 30 to 34	6,940	7,584	7,937	9,254	1,670	22%
Age 35 to 39	7,553	7,657	8,150	9,458	1,801	24%
Age 40 to 44	7,990	7,863	8,487	9,080	1,217	15%
Age 45 to 49	8,001	8,340	8,285	9,018	678	8%
Age 50 to 54	7,005	8,530	8,359	9,184	654	8%
Age 55 to 59	5,126	8,063	8,361	8,407	344	4%
Age 60 to 64	3,601	6,766	8,255	8,131	1,365	20%
Age 65 to 69	2,898	4,658	7,441	7,686	3,028	65%
Age 70 to 74	2,856	3,171	5,924	7,219	4,048	128%
Age 75 to 79	2,673	2,476	3,888	5,986	3,510	142%
Age 80 to 84	1,980	2,139	2,307	4,094	1,955	91%
Age 85 and over	1,885	2,710	2,804	3,489	779	29%
Total Population	98,149	113,071	126,570	141,425	28,354	25%
Total age 5 to 17	17,256	19,373	19,715	22,525	3,152	16%
<i>share age 5 to 17</i>	17.6%	17.1%	15.6%	15.9%		

	2000-2010	2010-2020	2020-2030
Population Change	14,922	13,499	14,855
<i>Percent</i>	15%	12%	12%
<i>Average Annual</i>	1.4%	1.1%	1.1%

Source: U.S. Census Bureau, 2000 and 2010 Censuses; data aggregated to NCSD boundary by Portland State University Population Research Center. PSU-PRC Forecasts, 2020 and 2030.

Table A3

North Clackamas S.D. Low Series Enrollment Forecasts, 2016-17 to 2025-26¹

Grade	Actual	Forecast									
	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26
K	1,175	1,129	1,129	1,159	1,191	1,220	1,224	1,247	1,251	1,262	1,273
1	1,221	1,242	1,196	1,198	1,228	1,261	1,292	1,297	1,321	1,325	1,337
2	1,289	1,231	1,253	1,207	1,209	1,242	1,275	1,306	1,311	1,336	1,340
3	1,259	1,299	1,242	1,264	1,217	1,223	1,257	1,290	1,321	1,326	1,352
4	1,209	1,270	1,311	1,254	1,276	1,232	1,238	1,273	1,306	1,338	1,343
5	1,230	1,220	1,283	1,324	1,267	1,293	1,248	1,254	1,290	1,323	1,356
6	1,254	1,266	1,257	1,322	1,364	1,309	1,336	1,290	1,296	1,333	1,367
7	1,283	1,266	1,279	1,270	1,335	1,382	1,326	1,354	1,307	1,313	1,351
8	1,310	1,294	1,278	1,291	1,282	1,351	1,398	1,342	1,370	1,323	1,329
9	1,339	1,360	1,344	1,327	1,341	1,335	1,406	1,455	1,397	1,426	1,377
10	1,407	1,349	1,371	1,355	1,338	1,354	1,348	1,420	1,469	1,411	1,440
11	1,404	1,418	1,361	1,383	1,367	1,350	1,367	1,360	1,433	1,483	1,424
12	1,527	1,472	1,488	1,428	1,451	1,435	1,417	1,435	1,428	1,504	1,557
UN ²	343	343	343	343	343	343	343	343	343	343	343
Total	17,250	17,159	17,135	17,125	17,209	17,330	17,475	17,666	17,843	18,046	18,189
<i>Annual change</i>		-91	-24	-10	84	121	145	191	177	203	143
		-0.5%	-0.1%	-0.1%	0.5%	0.7%	0.8%	1.1%	1.0%	1.1%	0.8%
K-5	7,383	7,391	7,414	7,406	7,388	7,471	7,534	7,667	7,800	7,910	8,001
6-8	3,847	3,826	3,814	3,883	3,981	4,042	4,060	3,986	3,973	3,969	4,047
9-12	5,677	5,599	5,564	5,493	5,497	5,474	5,538	5,670	5,727	5,824	5,798

	5 Year Change: 2015-16 to 2020-21		5 Year Change: 2020-21 to 2025-26		10 Year Change: 2015-16 to 2025-26	
	Growth	Pct.	Growth	Pct.	Growth	Pct.
K-5	88	1%	530	7%	618	8%
6-8	195	5%	5	0%	200	5%
9-12	-203	-4%	324	6%	121	2%
Total	80	0%	859	5%	939	5%

1. Includes enrollment at charter schools.

2. "UN" is ungraded special education, not included in K-5, 6-8, and 9-12 totals.

Population Research Center,
Portland State University, December 2015.

Table A4

North Clackamas S.D., Middle Series Enrollment Forecasts, 2016-17 to 2025-26¹

Grade	Actual	Forecast									
	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26
K	1,175	1,145	1,145	1,176	1,208	1,242	1,257	1,275	1,288	1,301	1,317
1	1,221	1,254	1,217	1,219	1,252	1,284	1,320	1,336	1,356	1,369	1,383
2	1,289	1,238	1,272	1,234	1,236	1,269	1,301	1,338	1,354	1,374	1,387
3	1,259	1,307	1,255	1,290	1,251	1,252	1,286	1,318	1,355	1,372	1,392
4	1,209	1,277	1,326	1,273	1,309	1,269	1,270	1,304	1,337	1,374	1,392
5	1,230	1,227	1,296	1,346	1,292	1,329	1,288	1,289	1,324	1,357	1,395
6	1,254	1,273	1,270	1,342	1,393	1,338	1,376	1,334	1,335	1,371	1,405
7	1,283	1,273	1,292	1,289	1,362	1,414	1,358	1,397	1,354	1,355	1,392
8	1,310	1,301	1,291	1,310	1,307	1,382	1,434	1,378	1,417	1,374	1,375
9	1,339	1,366	1,357	1,347	1,366	1,365	1,443	1,497	1,439	1,479	1,434
10	1,407	1,355	1,383	1,374	1,364	1,383	1,382	1,461	1,516	1,457	1,498
11	1,404	1,423	1,370	1,399	1,390	1,380	1,400	1,399	1,479	1,534	1,475
12	1,527	1,477	1,497	1,441	1,471	1,463	1,453	1,474	1,473	1,557	1,615
UN ²	343	343	343	343	343	343	343	343	343	343	343
Total	17,250	17,259	17,314	17,383	17,544	17,713	17,911	18,143	18,370	18,617	18,803
<i>Annual change</i>		9	55	69	161	169	198	232	227	247	186
		0.1%	0.3%	0.4%	0.9%	1.0%	1.1%	1.3%	1.3%	1.3%	1.0%
K-5	7,383	7,448	7,511	7,538	7,548	7,645	7,722	7,860	8,014	8,147	8,266
6-8	3,847	3,847	3,853	3,941	4,062	4,134	4,168	4,109	4,106	4,100	4,172
9-12	5,677	5,621	5,607	5,561	5,591	5,591	5,678	5,831	5,907	6,027	6,022

	5 Year Change: 2015-16 to 2020-21		5 Year Change: 2020-21 to 2025-26		10 Year Change: 2015-16 to 2025-26	
	Growth	Pct.	Growth	Pct.	Growth	Pct.
K-5	262	4%	621	8%	883	12%
6-8	287	7%	38	1%	325	8%
9-12	-86	-2%	431	8%	345	6%
Total	463	3%	1,090	6%	1,553	9%

1. Includes enrollment at charter schools.

2. "UN" is ungraded special education, not included in K-5, 6-8, and 9-12 totals.

Population Research Center,
Portland State University, December 2015.

Table A5

North Clackamas S.D. High Series Enrollment Forecasts, 2016-17 to 2025-26¹

Grade	Actual	Forecast									
	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26
K	1,175	1,159	1,162	1,190	1,228	1,268	1,281	1,305	1,323	1,339	1,358
1	1,221	1,268	1,236	1,239	1,270	1,309	1,352	1,366	1,391	1,410	1,428
2	1,289	1,244	1,290	1,256	1,260	1,291	1,330	1,374	1,388	1,414	1,433
3	1,259	1,312	1,265	1,311	1,276	1,280	1,311	1,351	1,395	1,410	1,436
4	1,209	1,283	1,336	1,286	1,333	1,298	1,302	1,333	1,374	1,419	1,434
5	1,230	1,233	1,307	1,359	1,308	1,357	1,322	1,326	1,357	1,399	1,445
6	1,254	1,279	1,281	1,356	1,410	1,358	1,409	1,373	1,377	1,409	1,453
7	1,283	1,279	1,303	1,303	1,380	1,436	1,383	1,435	1,398	1,402	1,435
8	1,310	1,307	1,301	1,324	1,324	1,404	1,461	1,407	1,460	1,422	1,426
9	1,339	1,372	1,368	1,360	1,384	1,386	1,470	1,530	1,473	1,528	1,489
10	1,407	1,361	1,393	1,388	1,380	1,405	1,407	1,493	1,554	1,496	1,551
11	1,404	1,429	1,381	1,412	1,407	1,400	1,426	1,428	1,515	1,577	1,518
12	1,527	1,483	1,508	1,456	1,488	1,485	1,478	1,505	1,507	1,599	1,664
UN ²	343	343	343	343	343	343	343	343	343	343	343
Total	17,250	17,352	17,474	17,583	17,791	18,020	18,275	18,569	18,855	19,167	19,413
<i>Annual change</i>		102 0.6%	122 0.7%	109 0.6%	208 1.2%	229 1.3%	255 1.4%	294 1.6%	286 1.5%	312 1.7%	246 1.3%
K-5	7,383	7,499	7,596	7,641	7,675	7,803	7,898	8,055	8,228	8,391	8,534
6-8	3,847	3,865	3,885	3,983	4,114	4,198	4,253	4,215	4,235	4,233	4,314
9-12	5,677	5,645	5,650	5,616	5,659	5,676	5,781	5,956	6,049	6,200	6,222

	5 Year Change: 2015-16 to 2020-21		5 Year Change: 2020-21 to 2025-26		10 Year Change: 2015-16 to 2025-26	
	Growth	Pct.	Growth	Pct.	Growth	Pct.
K-5	420	6%	731	9%	1,151	16%
6-8	351	9%	116	3%	467	12%
9-12	-1	0%	546	10%	545	10%
Total	770	4%	1,393	8%	2,163	13%

1. Includes enrollment at charter schools.

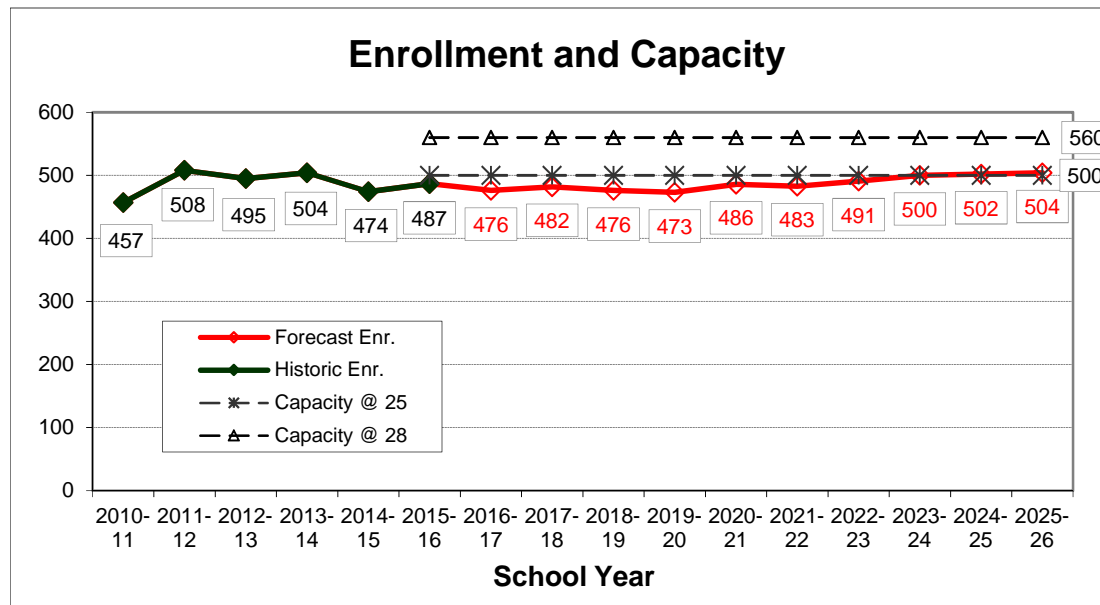
2. "UN" is ungraded special education, not included in K-5, 6-8, and 9-12 totals.

Population Research Center,
Portland State University, December 2015.

APPENDIX B

ENROLLMENT AND CAPACITY PROFILES FOR INDIVIDUAL SCHOOLS

Ardenwald Elementary School

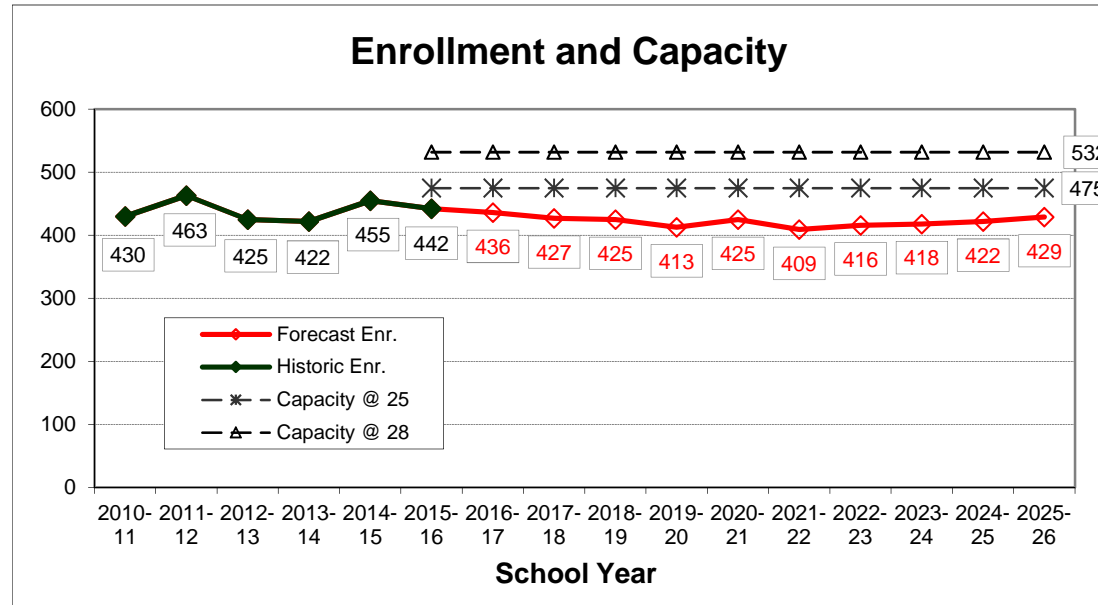


Note: Campbell Elementary closed in 2011 and a portion of its attendance area was reassigned to Ardenwald.

Enrollment History and Forecast												
History			Forecast									
2010-11	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	
Total enrollment	457	487	476	482	476	473	486	483	491	500	502	504
Five Year Change	30						-1					18

Note: Elementary schools formerly included 6th grade, but were reconfigured to grades K-5 in 2011-12.

Bilquist Elementary School

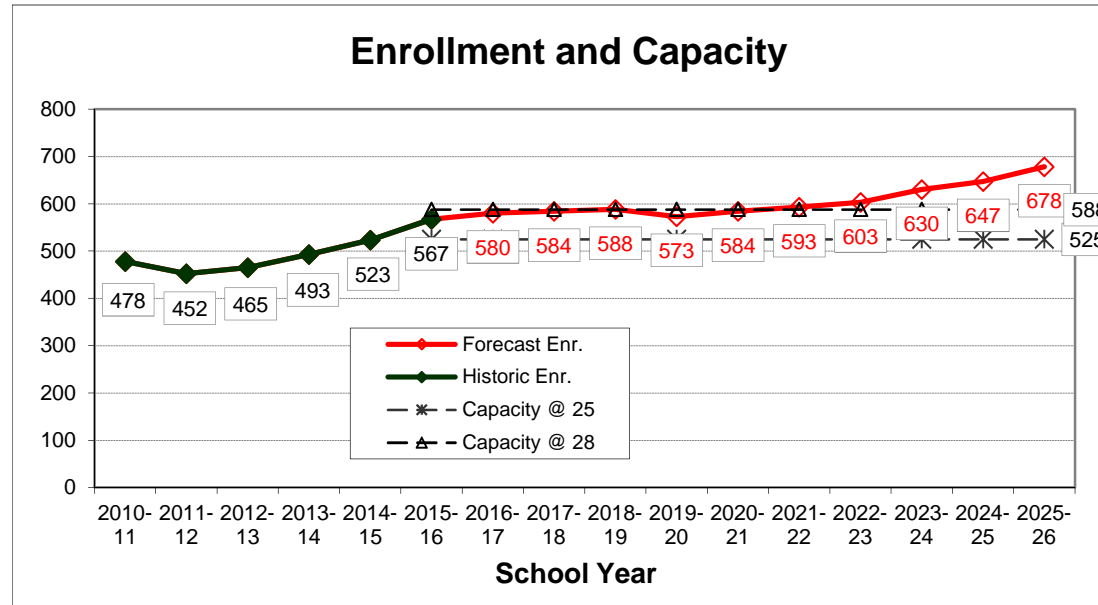


Note: Clackamas Elementary closed in 2011 and a portion of its attendance area was reassigned to Bilquist. Concord Elementary closed in 2014 and a portion of its attendance area was reassigned to Bilquist.

Enrollment History and Forecast												
	History		Forecast									
	2010-11	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26
Total enrollment	430	442	436	427	425	413	425	409	416	418	422	429
Five Year Change	12							-17				

Note: Elementary schools formerly included 6th grade, but were reconfigured to grades K-5 in 2011-12.

Duncan Elementary School

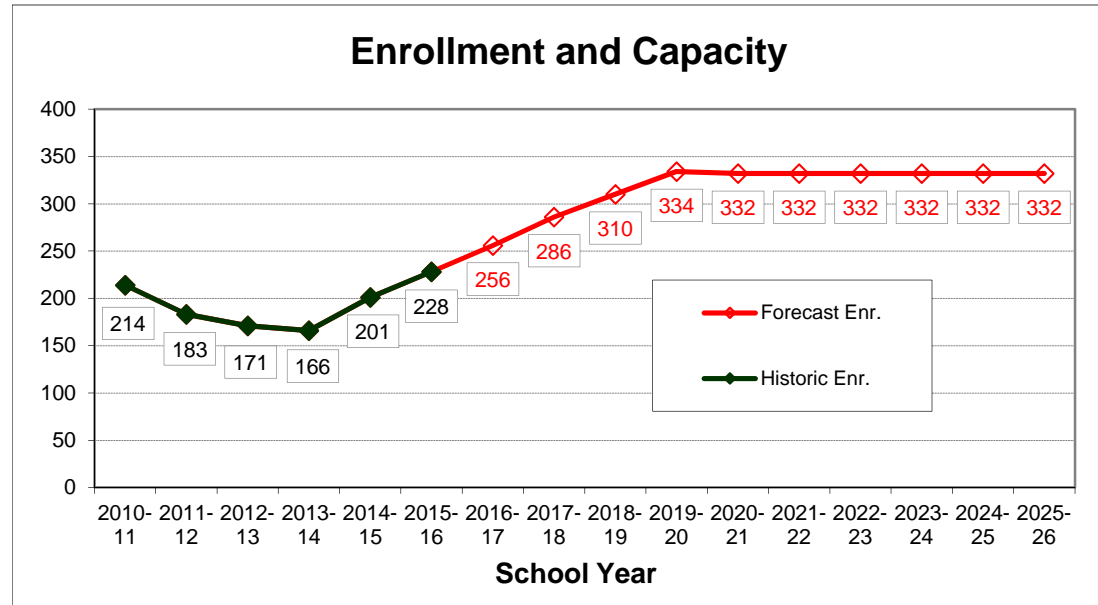


Note: Clackamas Elementary closed in 2011 and a portion of its attendance area was reassigned to Duncan.

Enrollment History and Forecast												
	History		Forecast									
	2010-11	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26
Total enrollment	478	567	580	584	588	573	584	593	603	630	647	678
Five Year Change	89		17					94				

Note: Elementary schools formerly included 6th grade, but were reconfigured to grades K-5 in 2011-12.

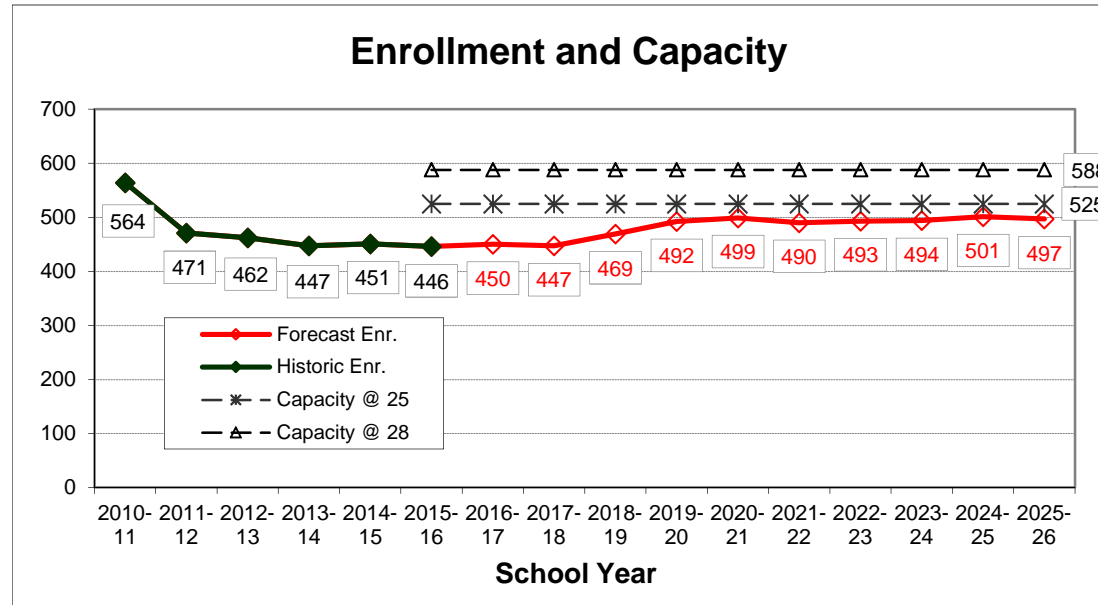
El Puente ES



Enrollment History and Forecast												
	History		Forecast									
	2010-11	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26
Total enrollment	214	228	256	286	310	334	332	332	332	332	332	332
Five Year Change	14							104			0	

Note: Elementary schools formerly included 6th grade, but will be reconfigured to grades K-5 in 2011-12.

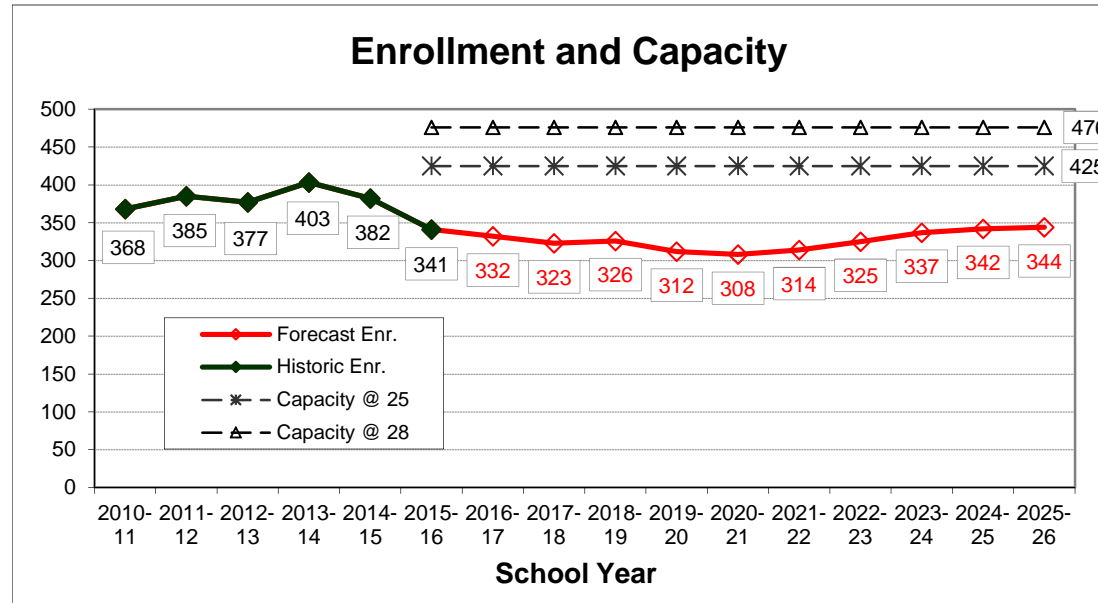
Happy Valley Elementary School



Enrollment History and Forecast												
	History		Forecast									
	2010-11	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26
Total enrollment	564	446	450	447	469	492	499	490	493	494	501	497
Five Year Change		-118						53				

Note: Elementary schools formerly included 6th grade, but were reconfigured to grades K-5 in 2011-12.

Lewelling Elementary School

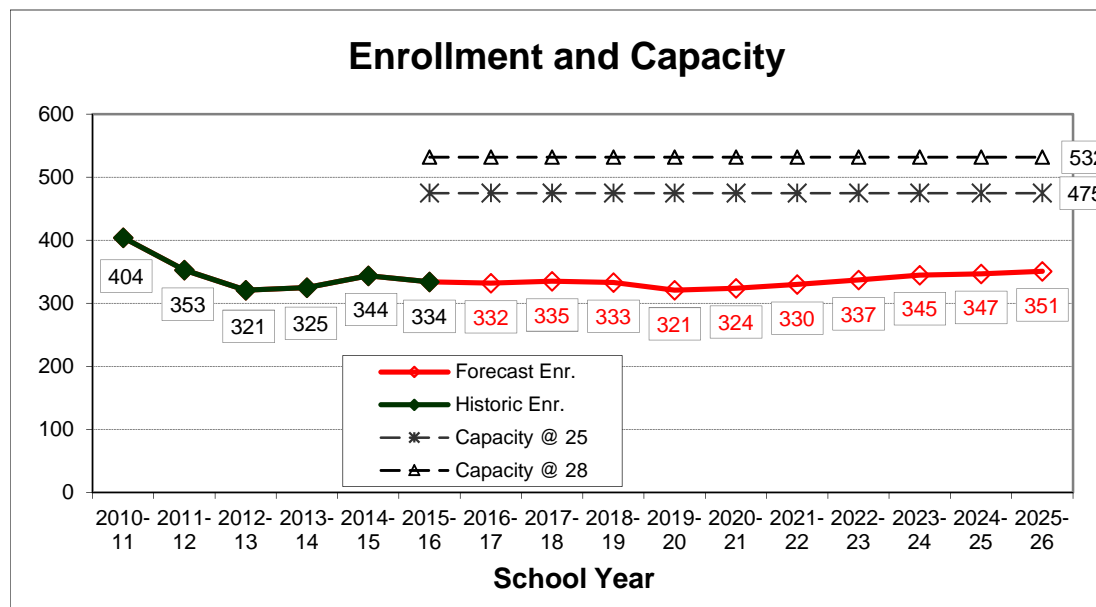


Note: Campbell Elementary closed in 2011 and a portion of its attendance area was reassigned to Lewelling.

Enrollment History and Forecast												
	History		Forecast									
	2010-11	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26
Total enrollment	368	341	332	323	326	312	308	314	325	337	342	344
Five Year Change		-27					-33					36

Note: Elementary schools formerly included 6th grade, but were reconfigured to grades K-5 in 2011-12.

Linwood Elementary School

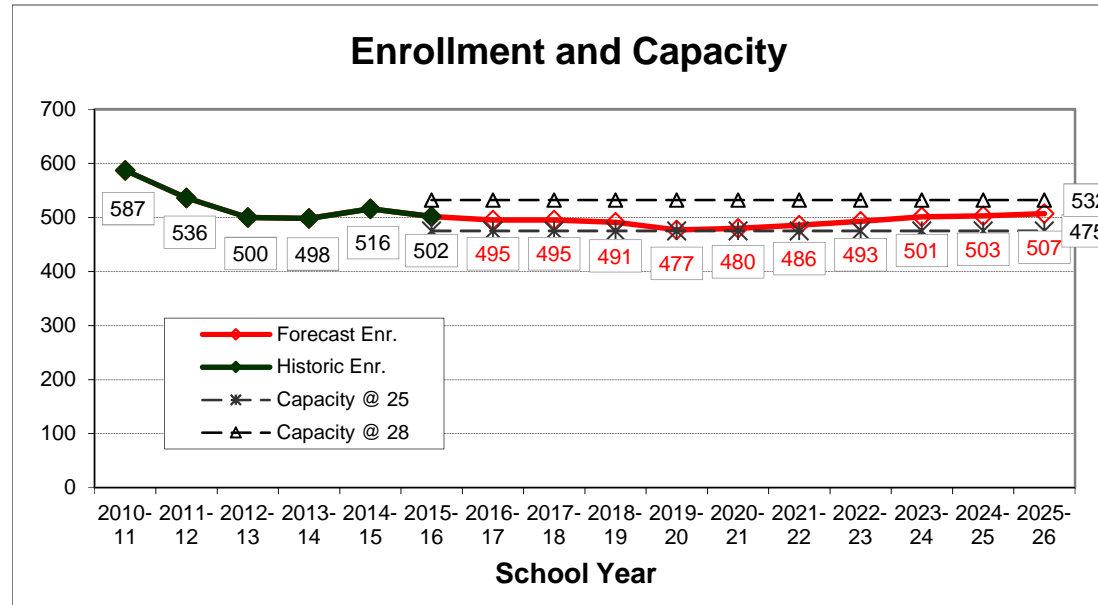


Note: Sojourner School shares the Linwood Elementary School facility.

Enrollment History and Forecast												
	History		Forecast									
	2010-11	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26
Total enrollment	404	334	332	335	333	321	324	330	337	345	347	351
Five Year Change		-70					-10					27

Note: Elementary schools formerly included 6th grade, but were reconfigured to grades K-5 in 2011-12.

Linwood and Sojourner E.S.

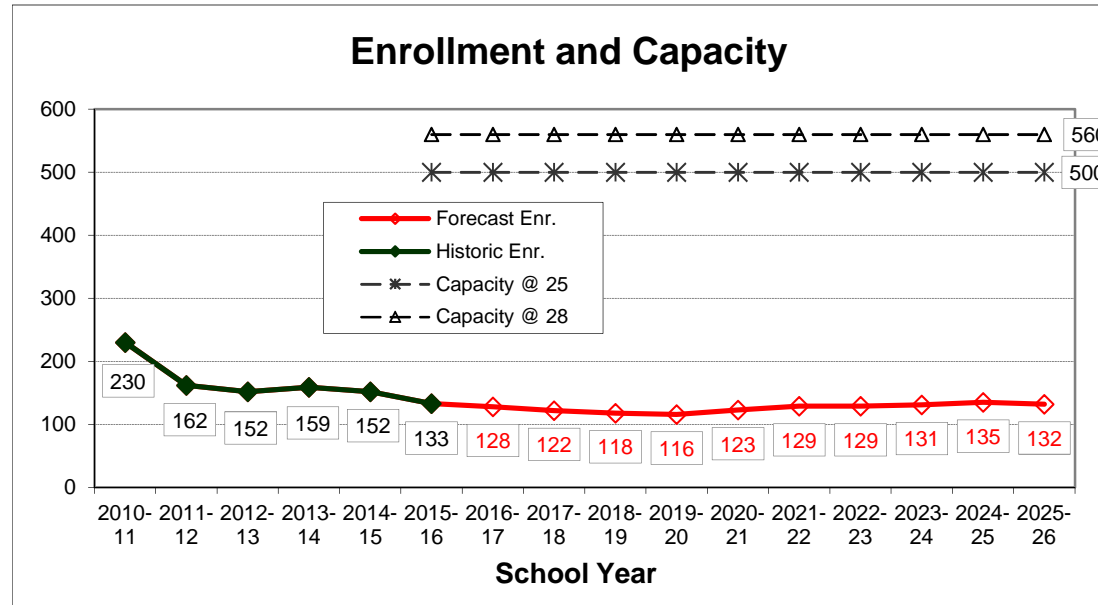


Note: Sojourner School shares the Linwood Elementary School facility.

Enrollment History and Forecast												
	History		Forecast									
	2010-11	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26
Total enrollment	587	502	495	495	491	477	480	486	493	501	503	507
Five Year Change		-85					-22					27

Note: Elementary schools formerly included 6th grade, but were reconfigured to grades K-5 in 2011-12.

Milwaukie Elementary School

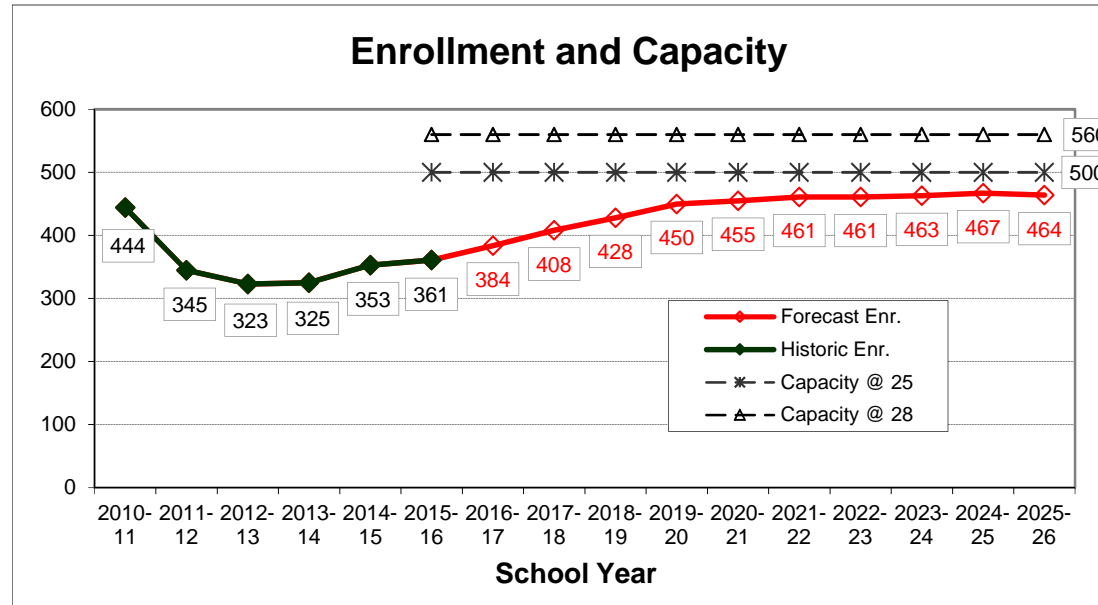


Note: El Puente Bilingual School shares the Milwaukie Elementary School facility.

Enrollment History and Forecast												
History		Forecast										
2010-11	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	
Total enrollment	230	133	128	122	118	116	123	129	129	131	135	132
Five Year Change	-97						-10					

Note: Elementary schools formerly included 6th grade, but were reconfigured to grades K-5 in 2011-12.

Milwaukie and El Puente E.S.

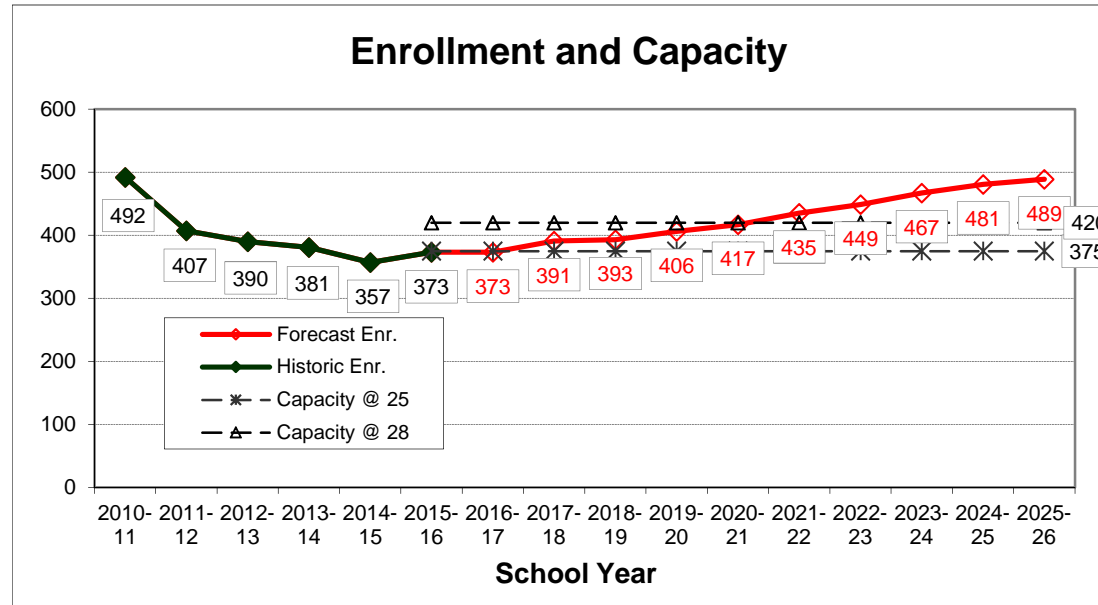


Note: El Puente Bilingual School shares the Milwaukie Elementary School facility.

Enrollment History and Forecast												
	History		Forecast									
	2010-11	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26
Total enrollment	444	361	384	408	428	450	455	461	461	463	467	464
Five Year Change		-83					94					9

Note: Elementary schools formerly included 6th grade, but were reconfigured to grades K-5 in 2011-12.

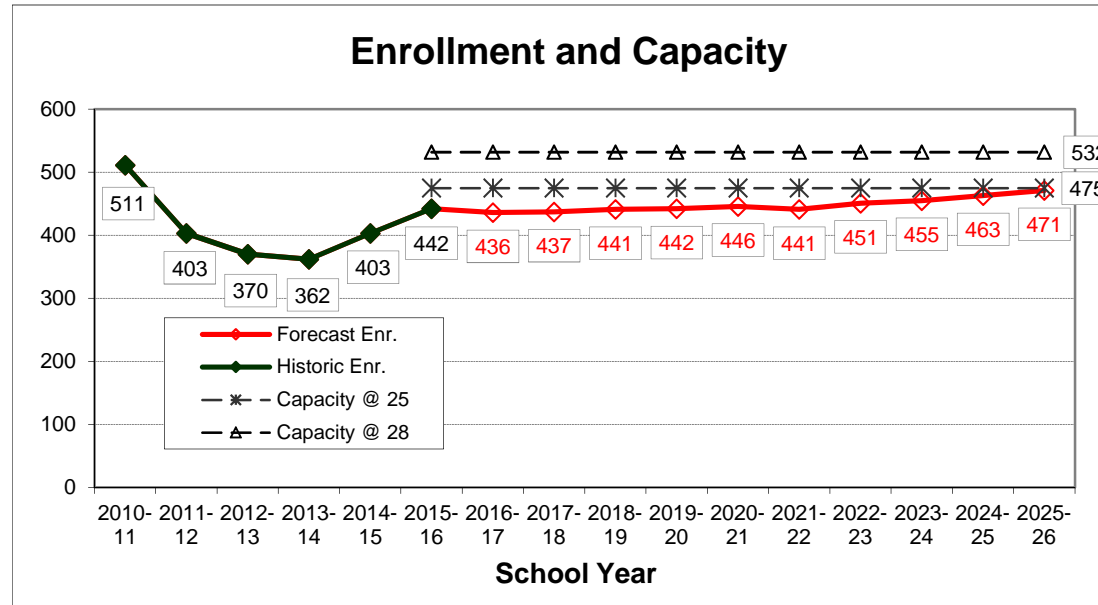
Mount Scott Elementary School



Enrollment History and Forecast												
	History		Forecast									
	2010-11	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26
Total enrollment	492	373	373	391	393	406	417	435	449	467	481	489
Five Year Change		-119					44					72

Note: Elementary schools formerly included 6th grade, but were reconfigured to grades K-5 in 2011-12.

Oak Grove Elementary School

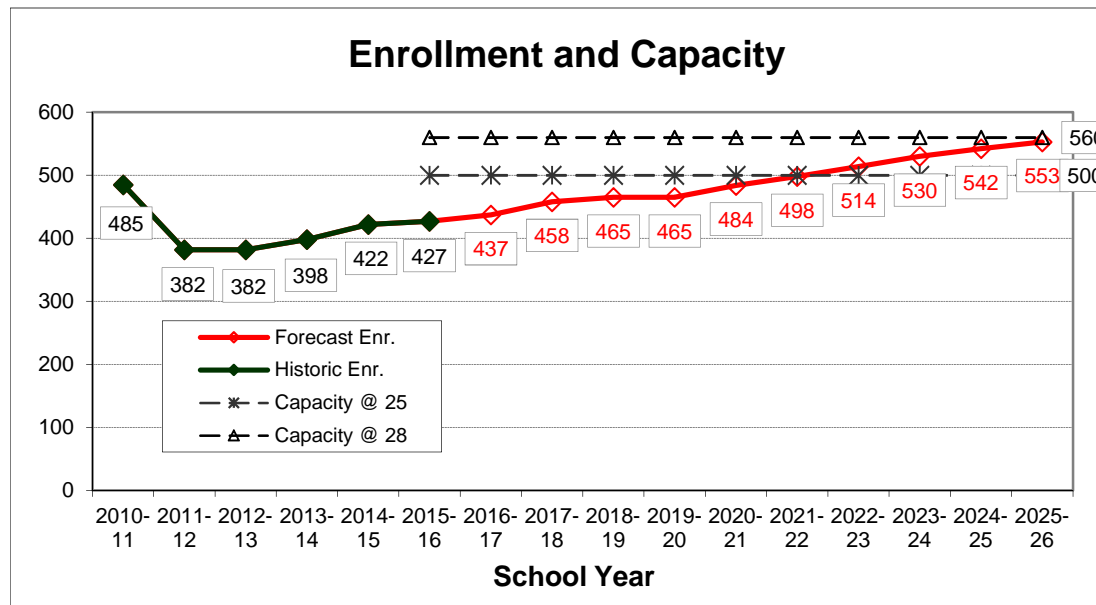


Note: Concord Elementary closed in 2014 and a portion of its attendance area was reassigned to Oak Grove. At the same time, portions of the Riverside and View Acres Elementary areas were also reassigned to Oak Grove.

Enrollment History and Forecast												
	History		Forecast									
	2010-11	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26
Total enrollment	511	442	436	437	441	442	446	441	451	455	463	471
Five Year Change		-69					4					25

Note: Elementary schools formerly included 6th grade, but were reconfigured to grades K-5 in 2011-12.

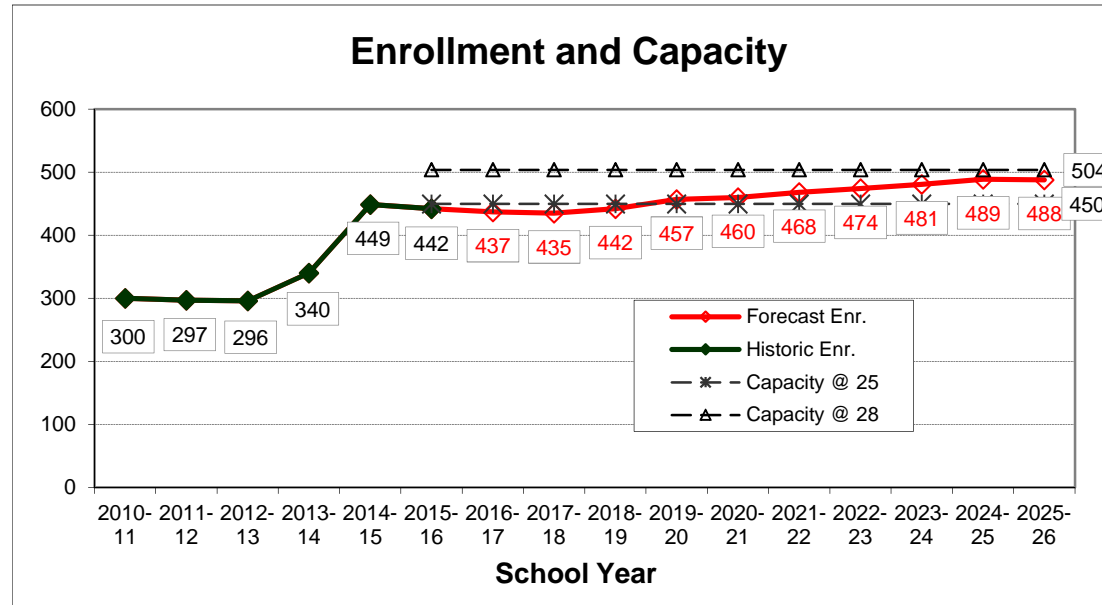
Oregon Trail Elementary School



Enrollment History and Forecast												
	History		Forecast									
	2010-11	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26
Total enrollment	485	427	437	458	465	465	484	498	514	530	542	553
Five Year Change	-58		57					69				

Note: Elementary schools formerly included 6th grade, but were reconfigured to grades K-5 in 2011-12.

Riverside Elementary School (includes Bilingual)

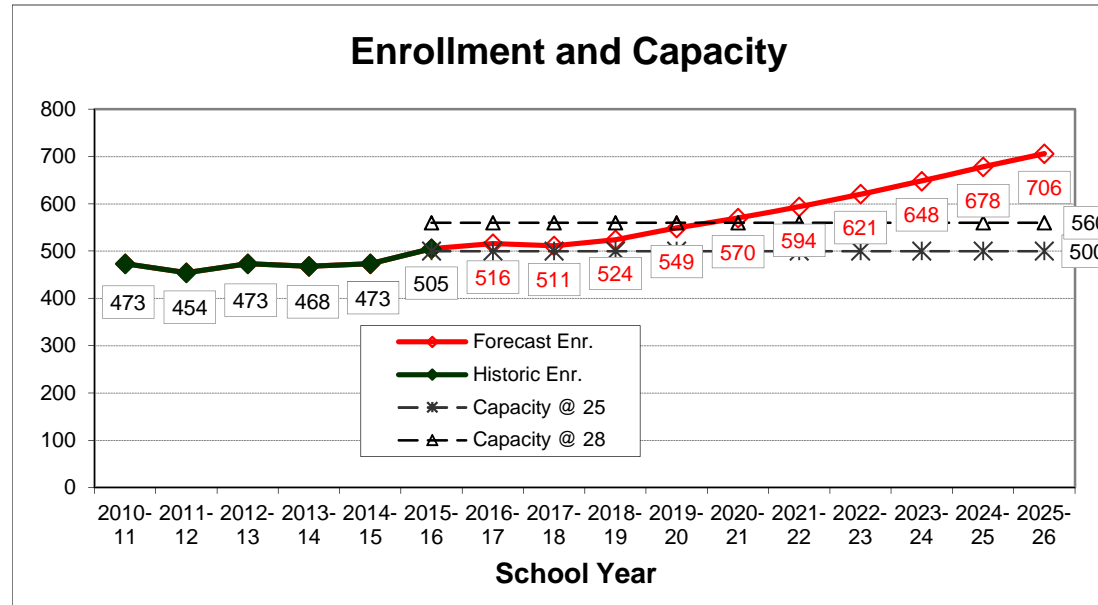


Note: Riverside Bilingual School shares the Riverside Elementary School facility. Concord Elementary closed in 2014 and a portion of its attendance area was reassigned to Riverside. At the same time, a portion of the Riverside Elementary area was reassigned to Oak Grove.

Enrollment History and Forecast												
	History		Forecast									
	2010-11	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26
Total enrollment	300	442	437	435	442	457	460	468	474	481	489	488
Five Year Change		142					18					28

Note: Elementary schools formerly included 6th grade, but were reconfigured to grades K-5 in 2011-12.

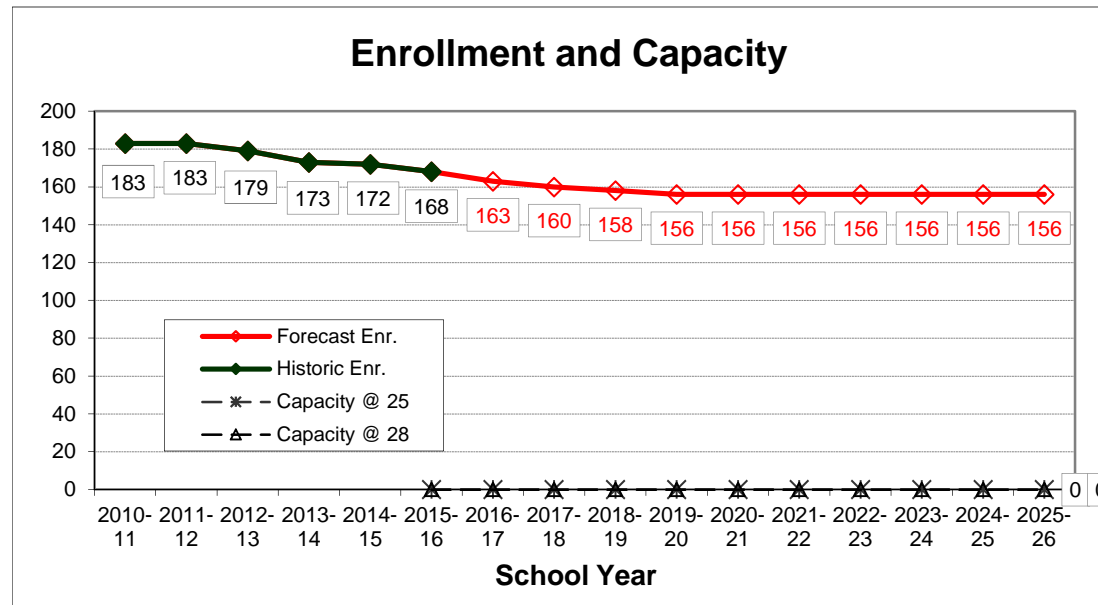
Scouters Mountain Elementary School



Enrollment History and Forecast												
	History		Forecast									
	2010-11	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26
Total enrollment	473	505	516	511	524	549	570	594	621	648	678	706
Five Year Change	32							65				
										136		

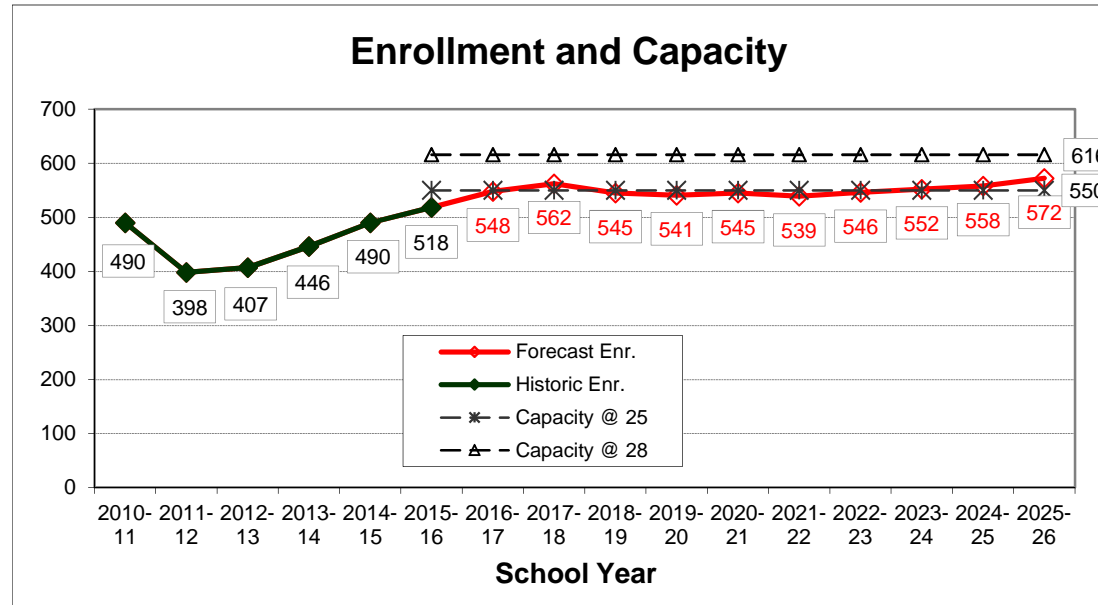
Note: Elementary schools formerly included 6th grade, but were reconfigured to grades K-5 in 2011-12.

Sojourner School



Enrollment History and Forecast												
	History		Forecast									
	2010-11	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26
Total enrollment	183	168	163	160	158	156	156	156	156	156	156	156
Five Year Change		-15					-12					0

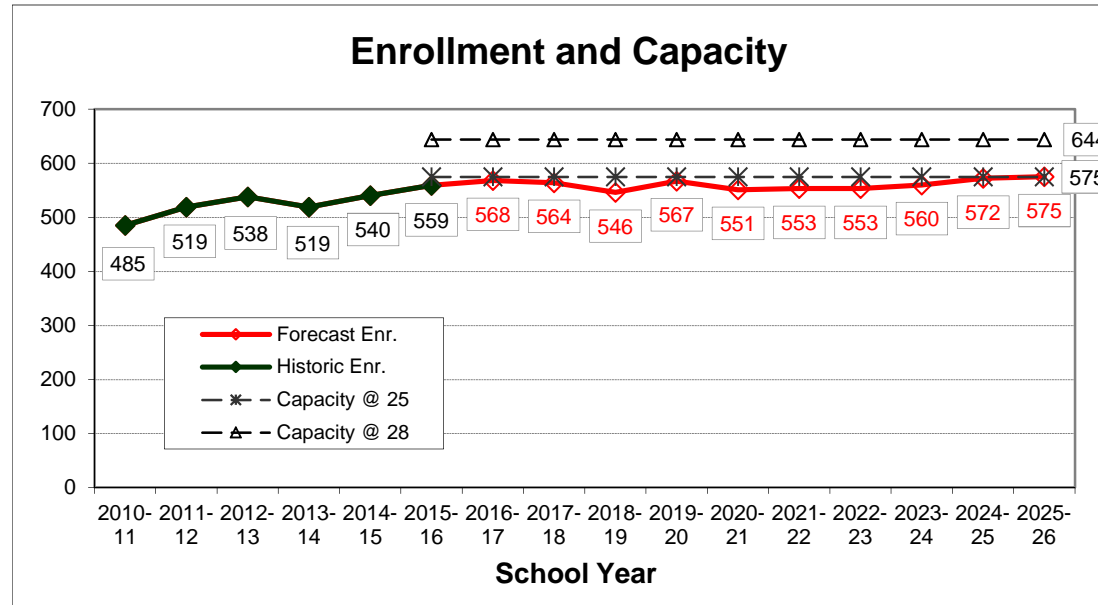
Spring Mountain Elementary School



Enrollment History and Forecast												
	History		Forecast									
	2010-11	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26
Total enrollment	490	518	548	562	545	541	545	539	546	552	558	572
Five Year Change	28		27					27				

Note: Elementary schools formerly included 6th grade, but were reconfigured to grades K-5 in 2011-12.

Sunnyside Elementary School

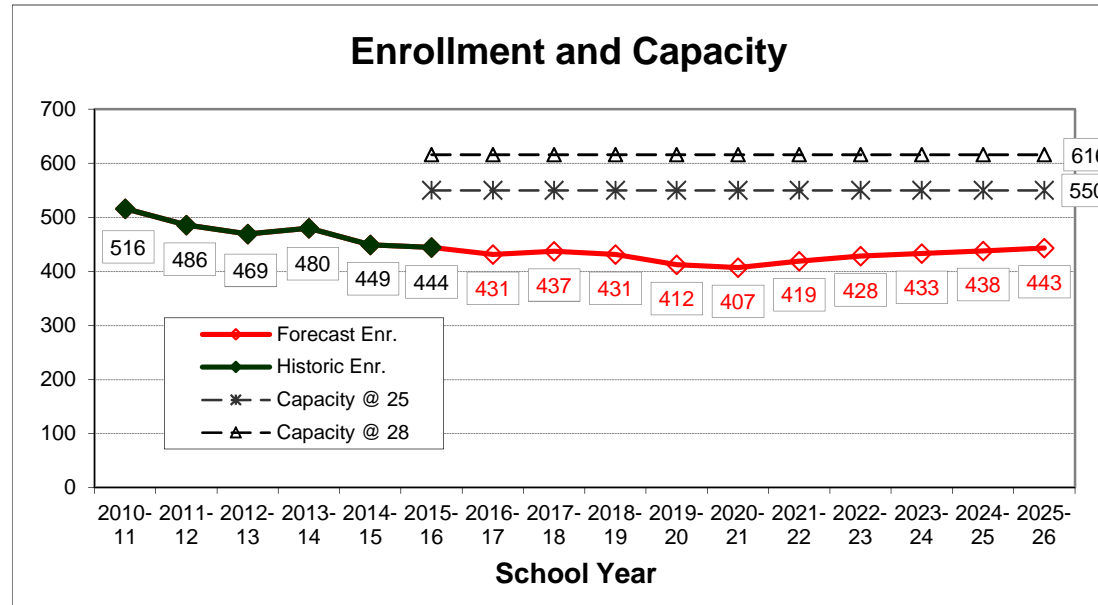


Note: Clackamas Elementary closed in 2011 and a portion of its attendance area was reassigned to Sunnyside.

Enrollment History and Forecast												
	History		Forecast									
	2010-11	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26
Total enrollment	485	559	568	564	546	567	551	553	553	560	572	575
Five Year Change		74					-8					24

Note: Elementary schools formerly included 6th grade, but were reconfigured to grades K-5 in 2011-12.

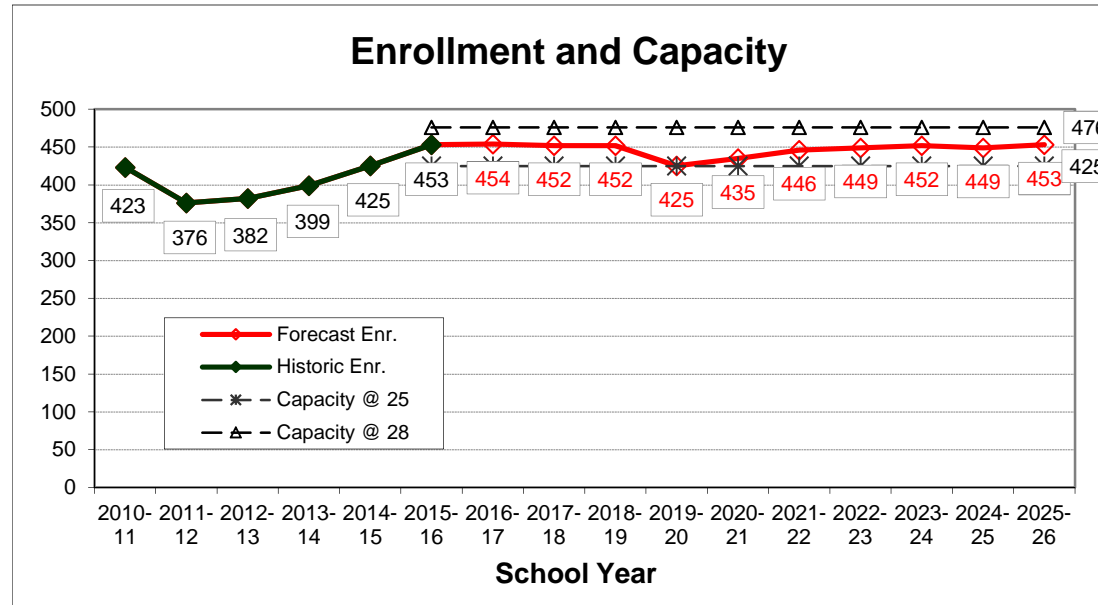
Whitcomb Elementary School



Enrollment History and Forecast												
	History		Forecast									
	2010-11	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26
Total enrollment	516	444	431	437	431	412	407	419	428	433	438	443
Five Year Change		-72					-37					36

Note: Elementary schools formerly included 6th grade, but were reconfigured to grades K-5 in 2011-12.

View Acres Elementary School

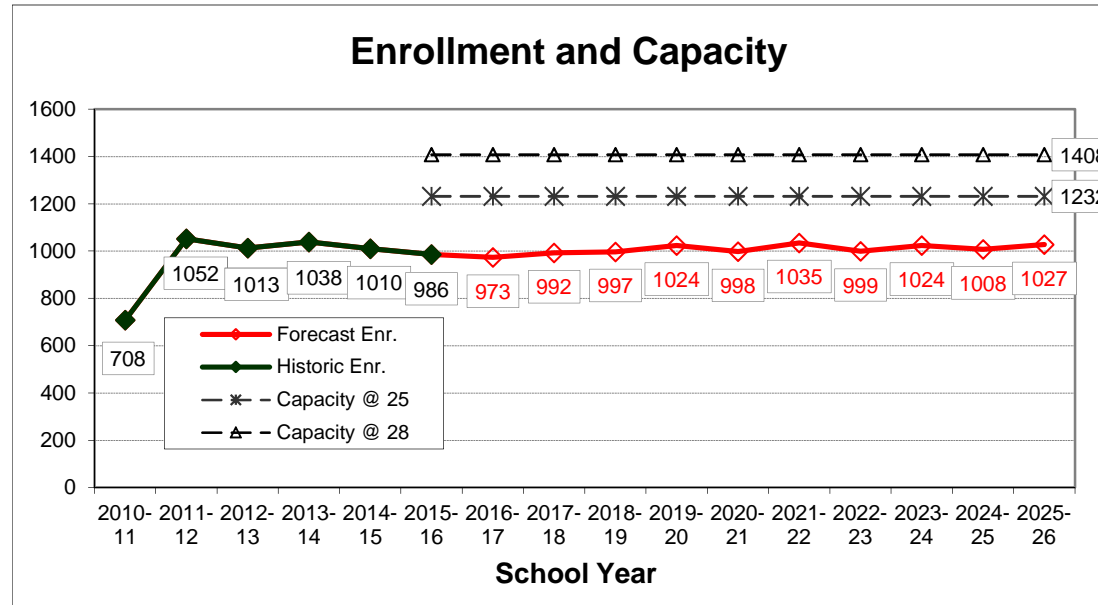


Note: Concord Elementary closed in 2014 and a portion of its attendance area was reassigned to View Acres. At the same time, a portion of the View Acres Elementary area was reassigned to Oak Grove.

Enrollment History and Forecast												
	History		Forecast									
	2010-11	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26
Total enrollment	423	453	454	452	452	425	435	446	449	452	449	453
Five Year Change	30							-18				
										18		

Note: Elementary schools formerly included 6th grade, but were reconfigured to grades K-5 in 2011-12.

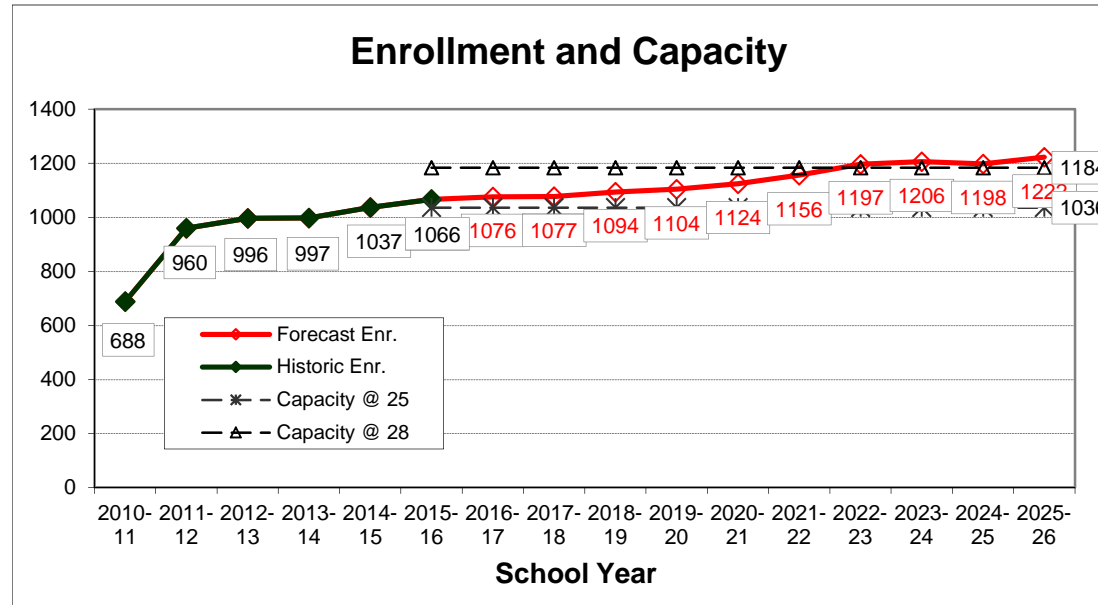
Alder Creek Middle School



Enrollment History and Forecast												
	History		Forecast									
	2010-11	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26
Total enrollment	708	986	973	992	997	1024	998	1035	999	1024	1008	1027
Five Year Change		278					12					29

Note: Middle schools, formerly grades 7-8 only, were reconfigured to include 6th grade in 2011-12.

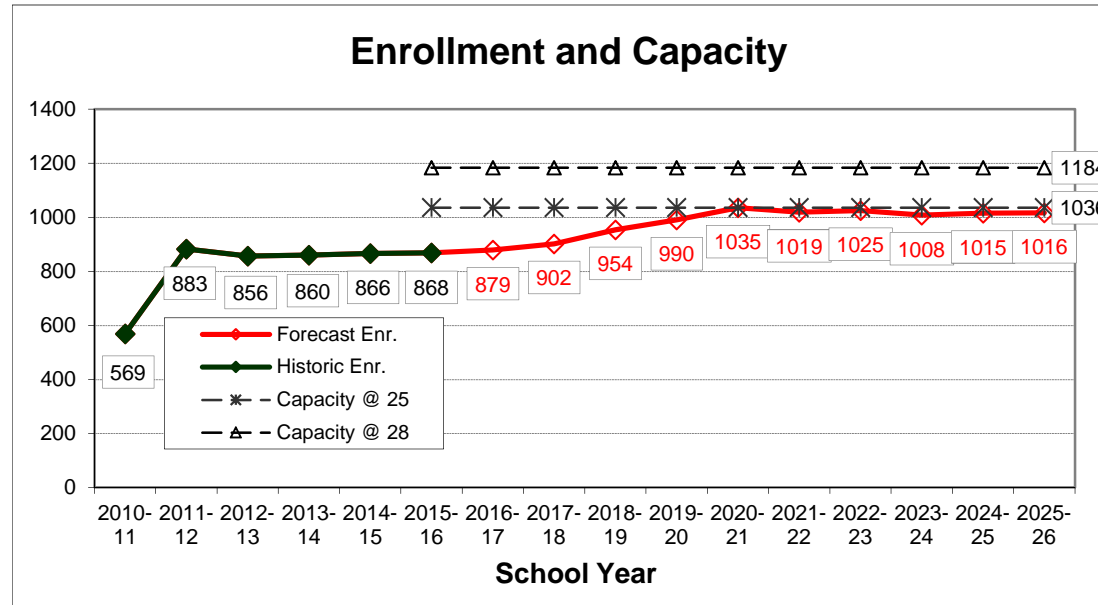
Happy Valley Middle School



Enrollment History and Forecast												
	History		Forecast									
	2010-11	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26
Total enrollment	688	1066	1076	1077	1094	1104	1124	1156	1197	1206	1198	1222
Five Year Change		378					58					98

Note: Middle schools, formerly grades 7-8 only, were reconfigured to include 6th grade in 2011-12.

Rock Creek Middle School

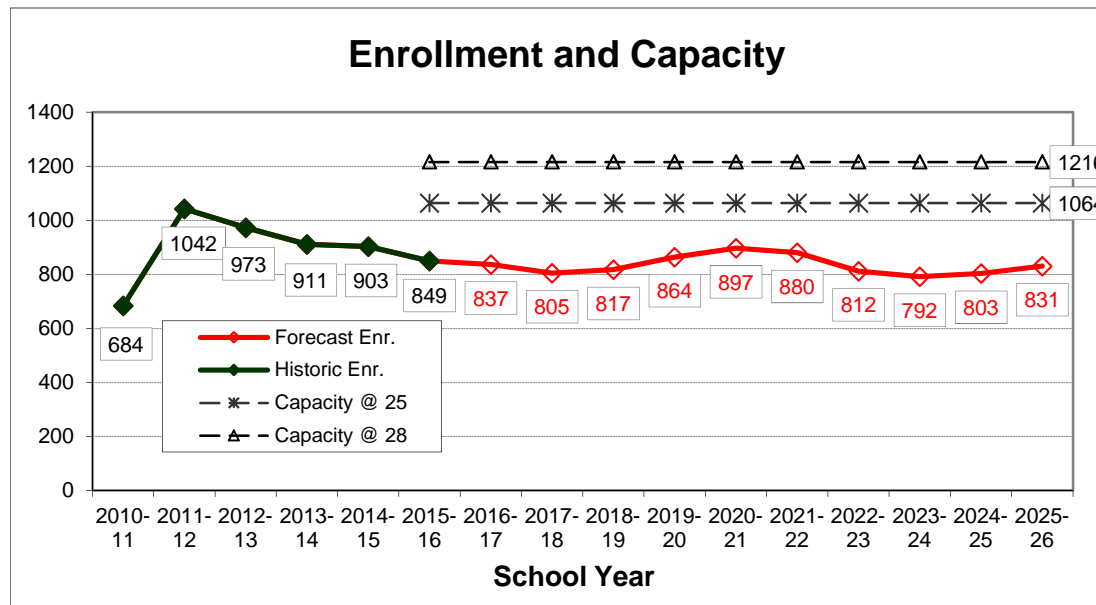


Note: Rock Creek opened in 2010.

Enrollment History and Forecast												
	History		Forecast									
	2010-11	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26
Total enrollment	569	868	879	902	954	990	1035	1019	1025	1008	1015	1016
Five Year Change	299							167				
										-19		

Note: Middle schools, formerly grades 7-8 only, were reconfigured to include 6th grade in 2011-12.

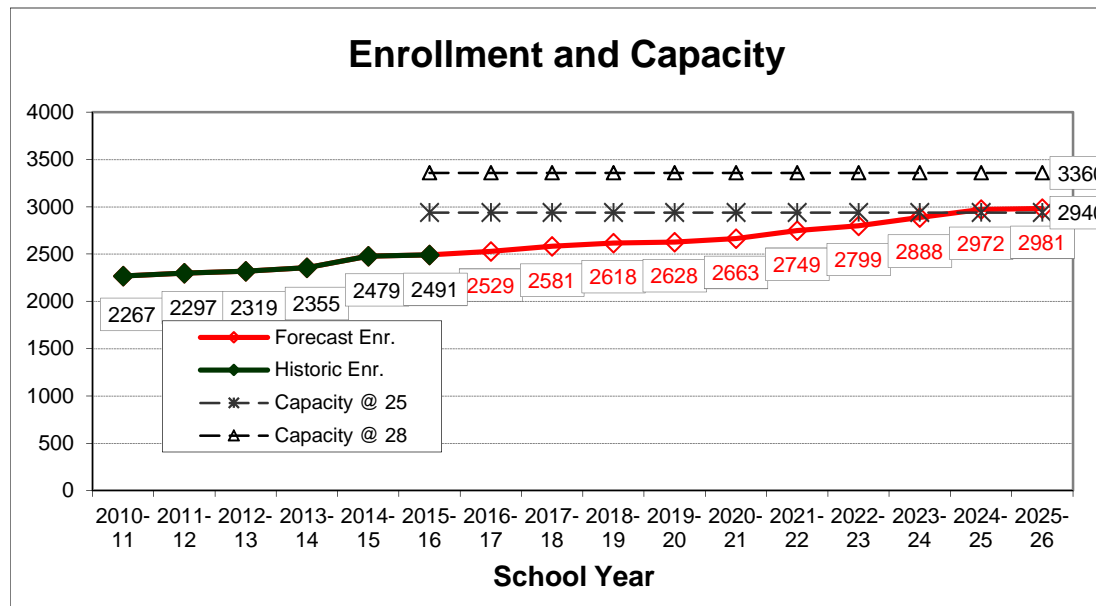
Rowe Middle School



Enrollment History and Forecast												
	History		Forecast									
	2010-11	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26
Total enrollment	684	849	837	805	817	864	897	880	812	792	803	831
Five Year Change		165					48					-66

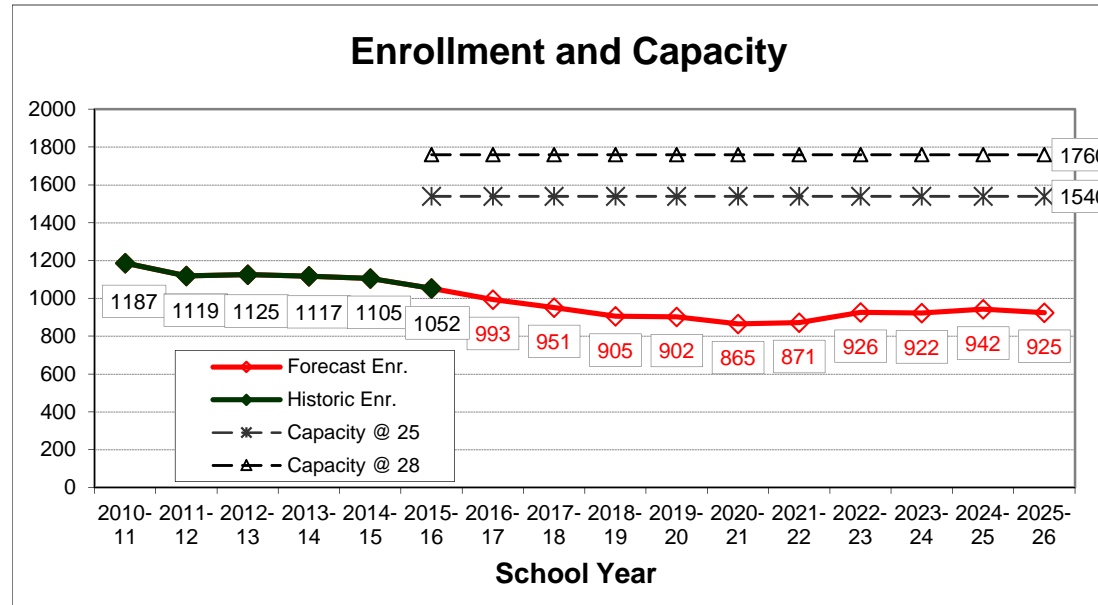
Note: Middle schools, formerly grades 7-8 only, were reconfigured to include 6th grade in 2011-12.

Clackamas High School



Enrollment History and Forecast												
	History		Forecast									
	2010-11	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26
Total enrollment	2267	2491	2529	2581	2618	2628	2663	2749	2799	2888	2972	2981
Five Year Change	224							172				

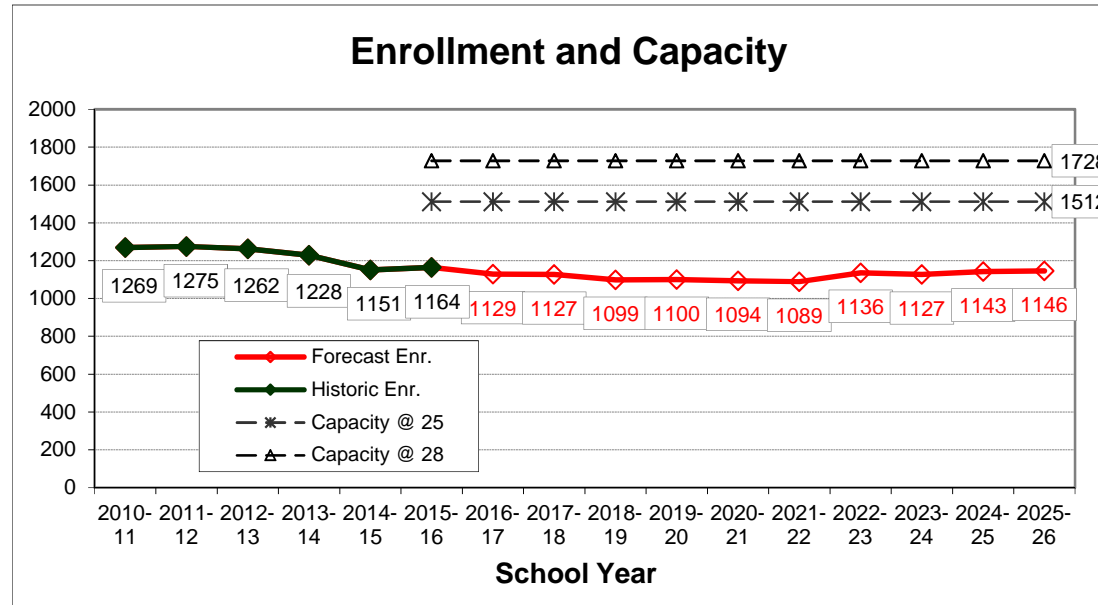
Milwaukie High School



Note: Milwaukie Academy of the Arts shares the Milwaukie High School facility.

Enrollment History and Forecast												
	History		Forecast									
	2010-11	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26
Total enrollment	1187	1052	993	951	905	902	865	871	926	922	942	925
Five Year Change		-135					-187					60

Rex Putnam High School



Enrollment History and Forecast												
	History		Forecast									
	2010-11	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26
Total enrollment	1269	1164	1129	1127	1099	1100	1094	1089	1136	1127	1143	1146
Five Year Change		-105					-70					52